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CATALOG OF REPORTS ON CRUSTAL MOVEMENTS AND DEFORMATIONS

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National Aeronautics and
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Goddard Space Flight Center
Greenbelt, Maryland 20771

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CATALOG OF REPORTS ON CRUSTAL MOVEMENTS AND DEFORMATIONS

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CATALOG OF REPORTS ON CRUSTAL MOVEMENTS AND DEFORMATIONS

PREFACE

This Catalog of Reports on Crustal Movements and Deformations is a structured bibliography of scientific papers on the movements of the Earth crust. The catalog summarizes by various subjects papers containing data on the movement of the Earth's surface due to tectonic processes. In preparing the catalog we have included studies of tectonic plate motions, spreading and convergence, microplate rotation, regional crustal deformation strain accumulation and deformations associated with the earthquake cycle, and fault motion. We have also included several papers dealing with models of tectonic plate motion and with crustal stress. Papers which discuss tectonic and geologic history but which do not present rates of movements or deformations and papers which are primarily theoretical analyses have been excluded from the catalog. An index of authors cross-referenced to their publications also appears in the catalog.

The catalog covers articles appearing in reviewed technical journals during the years 1970–1981. Although there are citations from about twenty journals most of the items come from the following publications: Journal of Geophysical Research, Tectonophysics, Geological Society of America Bulletin, Bulletin of the Seismological Society of America, Nature, Science, Geophysical Journal of the Royal Astronomical Society, Earth and Planetary Science Letters, and Geology. This catalog replaces an earlier compilation published in December, 1981. The features of the new compilation are the addition of citations for 1981, the expansion of the number of referenced papers from about 325 to over 500, and the inclusion of the author index.

FORMAT OF CATALOG

The catalog is arranged into two divisions; the first part contains literature citations and subject information and the second part contains an author index cross-referenced to the citation of the first part. In the first division papers are grouped by the month and year of publication.* For each month data is presented in two sections, the upper section provides individual literature citations to articles including: the titles, authors' names, journal name, volume, and page numbers. (Journal abbreviations are listed below.) The papers are also indexed by a number which is used to identify the paper on the lower section of the page. In this latter section the articles are cataloged by three topics: the region of the Earth studied (e.g. North America, Indonesia), the type of movement or deformation considered (e.g. plate motion, strain), and the class of measurement technique (e.g. geodetic, geologic). A typical entry is item 1 for February, 1970. In the upper section of the appropriate catalog page can be found the paper's title: "Magnetic and Bathymetric Data Bearing on Sea Floor Spreading North of Iceland," the authors' names: P. R. Vogt, N. A. Ostenso, and G. L. Johnson, and the journal information: Journal of Geophysical Research, volume 75, pages 903-920. On the bottom section of the page, the summary indicates that this paper deals with sea-floor spreading measured using magnetic anomaly data obtained near Iceland.

We have limited the number of reference topics on the bottom of the page to a number that conveniently fits on a standard sized page. With this limitation it is necessary to adopt a mixed classification scheme, particularly with respect to the regional classification; our regions are a mixture of geographic and tectonic areas as follows:

San Andreas – the San Andreas Fault and related faults in western California

California – the State of California

Alaska – includes Alaska and the Aleutian Island region

U.S. – the 47 contiguous states of the United States excluding California

North America – both the continent and the tectonic plate; may include Central America

*In a few cases, it was not possible to identify the month of publication; in that case the article is listed with the January or June citations of the appropriate year.

Caribbean – the sea and the tectonic plate

Cocos – the tectonic plate

Nazca – the tectonic plate

South America – the continent and the tectonic plate

Pacific – both the ocean (overlaps the Cocos and Nazca regions) and the tectonic plate

Japan/Kuril – the region around Japan and the Kuril Islands

Philippines – both the land area and the sea

Indonesia

S.W. Pacific – area including Melanesia, Coral Sea and the Tonga-Kermadec Trench regions

New Zealand

Australia

U.S.S.R.

China

India – the country and/or tectonic plate

Indian Ocean – the ocean and/or tectonic plate

Asia

Mid-East

Africa – the continent and tectonic plate

Mediterranean/Southern Europe – Mediterranean Sea area, Italy, Greece, Turkey

Northern Europe – includes most of Europe, the British Isles and Ireland, and Scandinavia

Eurasia – the continent and tectonic plate

Atlantic

Iceland

Antarctica – the continent and tectonic plate

The classification of movement and deformation type includes:

spreading – sea floor and continental spreading

convergence

slip rate – relative motion across a fault or group of faults

plate motion – include rotation rates and rotation poles as well as absolute and relative plate velocities

strain – either strain, strain rate, or line length changes

tilt/uplift – tilt, uplift, or subsidence

earthquake – preseismic, coseismic, or postseismic crustal displacement, displacement rates or deformation (non-oscillatory)

creep – fault creep

The measurement classification scheme includes the following entries:

geodetic – trilateration, triangulation and leveling surveys; strainmeter, creepmeter, and tiltmeter measurements; geodimeter and satellite geodesy measurements; tide gauge data; some bathymetry

geologic – field and remote sensing investigations, mapping and topography studies, radiometric dating, stratigraphic investigations

magnetic – usually magnetic anomaly studies often coupled with bathymetry measurements

seismic – fault plane solutions, seismic wave interpretations, seismicity records, seismic slip estimates and recurrence rates, reflection and refraction profiles

paleomagnetic

In a few cases the main thrust of a paper is not well covered by our classification scheme so additional descriptors are used, as Labrador Sea for paper 1 of July 1971.

The second division of the catalog contains an author list arranged in alphabetical order with cross references to the citation of the first division. Each of the cross references is a six digit number. The first two digits refer to the year of publication (e.g. 70 = 1970), the second two digits to the publication month (e.g. 02 = February) and the last two digits to the number of the citation on the monthly pages of the catalog's first division. Thus the first cross reference for P. R. Vogt is 700201. The citation for this paper is given as the first entry for February 1970. The coauthors of the paper, N. A. Ostenso and G. L. Johnson, also have cross references to paper 700201.

The Journal abbreviations used in this catalog are:

Amer. Assoc. Pet. Geol. – The American Association of Petroleum Geologists Bulletin

BSSA – Bulletin of the Seismological Society of America

Can. J. Earth Sci. – Canadian Journal of Earth Science

Earth Planet. Sci. Let. – Earth and Planetary Science Letters

Geophys. J. R. Astr. Soc. – Geophysical Journal of the Royal Astronomical Society

GSA – Geological Society of America Bulletin

J. Geol. Soc. Lond. – Journal of the Geological Society of London

J. Geomag. Geoelectr. – Journal of Geomagnetism and Geoelectricity

JGR – Journal of Geophysical Research (solid earth)

Pageoph – Pure and Applied Geophysics

Phil. Trans. Roy. Soc. Lond. – Philosophical Transactions of the Royal Society of London

Phys. Earth Planet Int. – Physics of Earth and Planetary Interiors

Rev. Geophys. Space Physics – Reviews of Geophysics and Space Physics

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SAN ANDREAS	CALIFORNIA	ALASKA	US	NORTH AMERICA	CARIBBEAN	COCOS	NAZCA	SOUTH AMERICA	PACIFIC	JAPAN/KURIL	PHILIPPINES	INDONESIA	SW PACIFIC	NEW ZEALAND	AUSTRALIA	USSR	CHINA	INDIA	INDIAN OCEAN	ASIA	MID EAST	AFRICA	MEDIT/S EUR	N EUROPE	EURASIA	ATLANTIC	ICELAND	ANTARCTICA	SPREADING	CONVERGENCE	SLIP RATE	PLATE MOTION	STRAIN	TILT/UPLIFT	EARTHQUAKE	CREEP	GEODETIC	GEOLOGIC	MAGNETIC	SEISMIC	PALEOMAGNETIC

1	Magnetic and Bathymetric Dates Bearing on Sea-Floor Spreading North of Iceland – P. R. Vogt, N. A. Ostenso, G. L. Johnson, JGR, 75, 903-920.
2	History of Sea Floor Spreading West of Baja California – C. G. Chase, H. W. Menard, R. L. Larson, G. F. Sharman, III, S. M. Smith, GSA, 81, 491-498.
3	Relative Velocities of the Pacific, North America, and Colcos Plates in the Middle America Region – R. L. Larson, C. G. Chase, Earth Planet Sci. Let. 7, 425-428.

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	SAN ANDREAS	CALIFORNIA	ALASKA	US	NORTH AMERICA	CARIBBEAN	COCOS	NAZCA	SOUTH AMERICA	PACIFIC	JAPAN/KURIL	PHILIPPINES	INDONESIA	SW PACIFIC	NEW ZEALAND	AUSTRALIA	USSR	CHINA	INDIA	INDIAN OCEAN	ASIA	MID EAST	AFRICA	MEDIT/S EUR	N EUROPE	EURASIA	ATLANTIC	ICELAND	ANTARCTICA
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3	X	X		X							X		

1 On Variations of Recent Crustal Movement Velocities on Garm and Nimichi Polygons – Yu D. Boulanger, A. K. Pevnev, V. B. Enman, Tectonophysics, 9, 103-112.

2 Some Characteristic Features of the Anatolian Fault Zone – N. N. Ambraseys, Tectonophysics, 9, 143-165.

	SAN ANDREAS	CALIFORNIA	ALASKA	US	NORTH AMERICA	CARIBBEAN	COCOS	NAZCA	SOUTH AMERICA	PACIFIC	JAPAN/KURIL	PHILIPPINES	INDONESIA	SW PACIFIC	NEW ZEALAND	AUSTRALIA	USSR	CHINA	INDIA	INDIAN OCEAN	ASIA	MID EAST	AFRICA	MEDIT/S EUR	N EUROPE	EURASIA	ATLANTIC	ICELAND	ANTARCTICA			SPREADING	CONVERGENCE	SLIP RATE	PLATE MOTION	STRAIN	TILT/UPLIFT	EARTHQUAKE	CREEP			GEODETIC	GEOLOGIC	MAGNETIC	SEISMIC	PALEOMAGNETIC			
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1	Plate Tectonics of the Red Sea and East Africa – D. P. McKenzie, D. Davies, P. Molnar, Nature, 226, 243-248. (see October and November, 1970)
2	Magnetic Anomalies and Seafloor Spreading Rates in the Northern South Atlantic – T. H. Van Andel, T. C. Moore, Nature, 226, 328-330.

	SAN ANDREA	CALIFORNIA	ALASKA	US	NORTH AMERICA	CARIBBEAN	COCOS	NAZCA	SOUTH AMERICA	PACIFIC	JAPAN/KURIL	PHILIPPINES	INDONESIA	SW PACIFIC	NEW ZEALAND	AUSTRALIA	USSR	CHINA	INDIA	INDIAN OCEAN	ASIA	MID EAST	AFRICA	MEDIT/S EUR	N EUROPE	EURASIA	ATLANTIC	ICELAND	ANTARCTICA			SPREADING	CONVERGENCE	SLIP RATE	PLATE MOTION	STRAIN	TILT/UPLIFT	EARTHQUAKE	CREEP			GEODETIC	GEOLOGIC	MAGNETIC	SEISMIC	PALEOMAGNETIC				
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APRIL, 1970

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1	Earthquake Mechanisms in the Himalayan, Burmese, and Andaman Regions and Continental Tectonics in Central Asia – T. J. Fitch, JGR, 75, 2699-2709.																			X							X								X										X			
2	Deep Sea Drilling in the Southern Atlantic – A. E. Maxwell, R. P. Von Herzen, K. J. Hsu, J. E. Andrews, T. Saito, S. F. Percival, E. D. Milow, R. E. Boyce, Science, 168, 1047-1059.									X														X				X					X		X									X				

1 Seismic Slip Rate Versus Sea-Floor Spreading Rate on the Eastern Pacific Rise and Pacific Antarctic Ridge – J. Northrop, M. F. Morrison, F. Duennebier, JGR., 75, 3285-3290 (See comment and reply June, 1971)

	SAN ANDREAS	CALIFORNIA	ALASKA	U.S.	NORTH AMERICA	CARIBBEAN	COCOS	NAZCA	SOUTH AMERICA	PACIFIC	JAPAN/KURIL	PHILIPPINES	INDONESIA	SW PACIFIC	NEW ZEALAND	AUSTRALIA	USSR	CHINA	INDIA	INDIAN OCEAN	ASIA	MID EAST	AFRICA	MEDIT/S EUR	N EUROPE	EURASIA	ATLANTIC	ICELAND	ANTARCTICA			SPREADING	CONVERGENCE	SLIP RATE	PLATE MOTION	STRAIN	TILT/UPLIFT	EARTHQUAKE	CREEP			GEODETIC	GEOLOGIC	MAGNETIC	SEISMIC	PALEOMAGNETIC			
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1	Surface Deformation and Fault Displacement Associated with an Earthquake Swarm in Iceland – E. Tryggvason, JGR, 75, 4407-4422.																												X									X	X			X							
2	Strain and Creep in Central California – C. H. Scholz and T. J. Fitch, JGR, 75, 4447-4453.	X																																			X		X			X							
3	Tectonics of the Mid-Atlantic Ridge, 6-8° South Latitude – T. H. Van Andel, G. Ross Heath, Marine Geophysical Researches, 1, 5-36.																												X					X												X			
4	Connection of the Panama Fracture Zone with the Galapagos Rift Zone, Eastern Tropical Pacific – P. J. Grim, Marine Geophysical Researches, 1, 85-90.										X																							X												X			

1	Bocono Fault, Venezuela, Andes: Evidence of Postglacial Movement – C. Schubert, R. S. Sifortes, Science, 170, 66-69.
2	Plate Tectonics of the Red Sea and East Africa – R. Freund, Nature, 228, 453 (see April and November, 1970).

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OCTOBER, 1970

1	The Shear Along the Dead Sea Rift – R. Freund, Z. Garfunkel, I. Zak, M. Goldberg, T. Weissbrod, B. Derin, Phil. Trans. Roy. Soc. Lond., A267, 107-130.
2	The Evolution of the Gulf of Aden – A. S. Laughton, R. B. Whitmarsh, and M. T. Jones, Phil. Trans. Roy Soc. Lond., A267, 227-266.
3	Continuous Seismic Reflexion Profiles in the Red Sea – J. D. Phillips, D. A. Ross, Phil. Trans. Roy Soc. Lond., A267, 143-152.
4	Magnetic Anomalies in the Red Sea – J. D. Phillips, Phil. Trans. Roy. Soc. Lond., A267, 205-217.
5	Magnetic and Gravity Fields Over the Red Sea – T. D. Allan, Phil. Trans. Roy. Soc. Lond., A267, 153-180.
6	Central North Atlantic Plate Motions Over the Last 40 Million Years – J. D. Phillips, B. P. Luyendyk, Science, 170, 727-729 (see comment and reply November, 1971).
7	Plate Tectonics of the Red Sea and East Africa – P. A. Mohr, Nature, 228, 547-548 (see April and October, 1970).

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1	Accumulation of Tectonic Strain in California – J. C. Savage, R. O. Burford, BSSA, 60, 1877-1896.
2	The Structure and Evolution of the Red Sea and Nature of the Red Sea, Gulf of Aden and Ethiopian Rift Junction – R. W. Girdler, Tectonophysics, 10, 579-582.
3	Mid-Tertiary Tectonic Transition in the Aleutian Arc – J. A. Grow, T. Atwater – GSA, 81, 3715-3722.
4	Plate Tectonic of the Scotia Sea Region – P. F. Barker, Nature, 228, 1293-1296.

	SAN ANDREAS	CALIFORNIA	ALASKA	US	NORTH AMERICA	CARIBBEAN	COCOS	NAZCA	SOUTH AMERICA	PACIFIC	JAPAN/KURIL	PHILIPPINES	INDONESIA	SW PACIFIC	NEW ZEALAND	AUSTRALIA	USSR	CHINA	INDIA	INDIAN OCEAN	ASIA	MID EAST	AFRICA	MEDIT/S EUR	N EUROPE	EURASIA	ATLANTIC	ICELAND	ANTARCTICA			SPREADING	CONVERGENCE	SLIP RATE	PLATE MOTION	STRAIN	TILT/UPLIFT	EARTHQUAKE	CREEP			GEODETIC	GEOLOGIC	MAGNETIC	SEISMIC	ISOTHERMAL MAGNETIC			
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DECEMBER, 1970

1 Reykjanes Ridge Crest: A Detailed Geophysical Study – M. Talwani, C. C. Windisch, M. G. Langseth, Jr., JGR, 76, 473-517.

2 Regional and Global Fault Slip Rates from Seismicity – G. F. Davies, J. N. Brune, Nature Physical Science, 229, 101-106.

3 A Test of New Global Tectonics: Comparisons of Northeast Pacific and California Structures – M. L. Hill, Amer. Assoc. Pet. Geol. Bull, 55, 3-9 (See comments and replies, February 1972).

	SAN ANDREAS	CALIFORNIA	ALASKA	US	NORTH AMERICA	CARIBBEAN	COCOS	NAZCA	SOUTH AMERICA	PACIFIC	JAPAN/KURIL	PHILIPPINES	INDONESIA	SW PACIFIC	NEW ZEALAND	AUSTRALIA	USSR	CHINA	INDIA	INDIAN OCEAN	ASIA	MID EAST	AFRICA	MEDIT/S EUR	N EUROPE	EURASIA	ATLANTIC	ICELAND	ANTARCTICA			SPREADING	CONVERGENCE	SLIP RATE	PLATE MOTION	STRAIN	TILT/UPLIFT	EARTHQUAKE	CREEP			GEODETIC	GEOLOGIC	MAGNETIC	SEISMIC	PALEOMAGNETIC			
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JANUARY, 1971

1	Variable Seafloor Spreading off Baja California – P. T. Taylor, J. A. Brennan, N. J. O'Neill, Nature, 229, 396-399.
2	Structure and Evolution of the Kenya Rift Valley – B. H. Baker, J. Wohlenberg, Nature, 229, 538-542.

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1	Evolution of the Central Indian Ridge, Western Indian Ocean – R. L. Fisher, J. G. Sclater, D. P. McKenzie, GSA, 82, 553-562.
2	Elevation of Mid-Ocean Ridges and the Evolution of the South-West Indian Ridge – J. G. Sclater, C. G. A. Harrison, Nature, 175-177.

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1	Tectonic Patterns in the Northern Red Sea Region – A. Ben-Menahem, E. Aboudi, JGR, 76, 2674-2689.
2	Active Displacement on the Calaveras Fault Zone at Hollister, California – T. H. Rogers and R. D. Nason, BSSA, 61, 399-416.
3	Basin and Range Structure: A System of Horsts and Grabens Produced by Deep-Seated Extension – J. H. Stewart, GSA, 82, 1029-1043.

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MAY, 1971

1	Siberian Continental Drift – G. P. Tamrazyan, Tectonophysics, 11, 433-460.
2	Comment on Paper by J. Northrop, M. F. Morrison, and F. K. Duennebier, Seismic Sip Rate versus Sea Floor-Spreading, Rate on the Eastern Pacific Rise and Pacific Antarctic Ridge – T. Haworth, JGR, 76, 4047-4048 (see June 1970).
3	Reply – J. Northrop, M. F. Morrison, F. K. Duennebier, JGR, 76, 7049-7051 (see preceding comment and June 1970).
4	Asymmetric Sea Floor Spreading South of Australia – J. K. Weissel, D. E. Hayes, Nature, 231, 518-522.
5	Quaternary Faulting in the Eastern Alaska Range – D. H. Richter, N. A. Matson, Jr., GSA, 82, 1529-1539.
6	Age of the North Atlantic Ocean from Magnetic Anomalies – W. C. Pitman III, M. Talwani, J. R. Heirtzler, Earth Planet Sci. Let., 11, 195-200.
7	Volcanic Island Chains and Sea Floor Spreading – I. McDougall, Nature, 231, 141-144.

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1																	X																	X															
2							X	X		X																		X			X		X												X			
3							X	X		X																		X			X		X												X			
4			X		X					X									X	X								X			X												X			
5			X																														X															
6					X																		X	X	X		X				X			X														
7										X																								X															

1	Geophysical Study of the Opening of the Labrador Sea – X. LePichon, R. D. Hyndman, G. Pautot, JGR, 76, 4724-4743 (see comments September 1972)
2	The Evolution of the North-East Atlantic – C. A. Williams, D. McKenzie, Nature, 232, 168-173.

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1												LABRADOR SEA															X					X											X						
2																											X					X											X						

JULY, 1971

1	Rifting in Iceland: New Geodetic Data -- R. W. Decker, P. Einarsson, P. A. Mohr, Science, 173, 530-532.
2	The Mid-Atlantic Ridge Near 45° N. XVII. Magnetic Anomalies and Ocean Floor Spreading – B. D. Loncarevic, R. L. Parker, Can. J. Earth Sci. 8, 883-898.
3	South Labrador Sea and the Evolution of the North Atlantic, A. S. Laughton, Nature, 232.

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1																												X			X											X								
2																											X				X												X							
3													LABRADOR SEA														X				X												X							

1	Magnetic Anomalies South of the Murray Fracture Zone: New Evidence for a Secondary Sea-Floor Spreading Center and Strike-Slip Movement – A. Malahoff, D. W. Handschumacher, JGR, 76, 6265-6275.
2	Sea Floor Spreading in the Southwest Indian Ocean – H. W. Bergh, JGR, 76, 6276-6282.

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1										X																						X											X						
2																				X												X											X						

1 Mechanism of Underthrusting in Southwest Japan: A Model of Convergent Plate Interactions – T. J. Fitch, C. H. Scholz, JGR, 76, 7260-7292.

2 Ground Magnetic Studies of Crustal Growth in Iceland, J.D.A. Piper – Earth Planet. Sci. Let., 12, 199-207.

3 Madagascar's Paleoposition: New Data from the Mozambique Channel – J. R. Heirtzler, R. H. Burroughs, Science, 174, 488-490.

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1											X																										X				X	X						
2																												X				X												X				
3																				X			X																				X	X				

OCTOBER, 1971

1	Geodetic Evidence of Possible Recent Crustal Movements in the Negev, Southern Israel – I. Karcz, V. Kafri, JGR, 76, 8056-8065.
2	Tectonic History of the Fiji Plateau – C. G. Chase, GSA, 82, 3087-3109.
3	Elevation of Ridges and Evolution of the Central Eastern Pacific – J. G. Sclater, R. N. Anderson, M. L. Bell, JGR, 76, 7888-7915.
4	Central North Atlantic Plate Motions – W. C. Pitman, III, M. Talwani, Science, 174, 845-846 (see November, 1970 and below).
5	Reply (to Central North Atlantic Plate Motions) – J. D. Phillips, B. P. Luyendyk, D. W. Forsyth, Science, 174, 846 (see November, 1970 and preceding paper)

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1																						X																X					X							
2														X																	X												X							
3							X								X																X													X							
4					X																			X							X																			
5					X																			X							X				X										X							

1	Measurements for Fault Slip On the Denali, Fairweather, and Castle Mountain Faults, Alaska – R. Page and J. Lahr, JGR, 76, 8534-8543.
2	The Evolution of the Indian Ocean Since the Late Cretaceous – D. McKenzie, J. G. Sclater, Geophys, J. R. Astr. Soc., 25, 437-528.
3	Small Plate Tectonics in the Northern Pacific – E. A. Silver, GSA, 82, 3491-3496.

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1			X																													X		X		X				X							
2																			X	X			X						X			X		X								X						
3					X					X																							X	X								X	X					

		SAN ANDREAS	CALIFORNIA	ALASKA	US	NORTH AMERICA	CARIBBEAN	COCOS	NAZCA	SOUTH AMERICA	PACIFIC	JAPAN/KURIL	PHILIPPINES	INDONESIA	SW PACIFIC	NEW ZEALAND	AUSTRALIA	USSR	CHINA	INDIA	INDIAN OCEAN	ASIA	MID EAST	AFRICA	MEDIT/S EUR	N EUROPE	EURASIA	ATLANTIC	ICELAND	ANTARCTICA			SPREADING	CONVERGENCE	SLIP RATE	PLATE MOTION	STRAIN	TILT/UPLIFT	EARTHQUAKE	CREEP			GEODETIC	GEOLOGIC	MAGNETIC	SEISMIC	PALEOMAGNETIC			
1	Slow Deformations of the Earth's Crust and Their Relation to Earthquakes in the U.S.S.R. – M. V. Gzovsky, L. A. Latynina, A. E. Ostrovsky, A. K. Pevnev, Phys. Earth Planet. Int., 6, 235-240.																	X																		X	X	X				X							

1	Galapagos Gore, NazCo Pac Triple Junction and Carnegie/Cocos Ridges – J. C. Holden, R. S. Dietz, Nature, 235, 266-269.
2	Crustal Extension Between the Tonga and Lau Ridges: Petrologic and Geophysical Evidence – J. G. Sclater, J. W. Hawkins, J. Mammerickx, C. G. Chase, GSA, 83, 505-517.
3	Test of New Global Tectonics: Discussion – V. Matthews, III, Amer. Assoc. Pet. Geol. Bull, 56, 371-374 (see January 1971).
4	Test of New Global Tectonics: Reply – M. L. Hill, Amer. Assoc. Geol. Bull, 56, 374-375 (see preceding paper and January 1971).
5	Test of New Global Tectonics: Discussion – W. R. Dickinson, D. S. Cowan, R. A. Schweickert, Amer. Assoc. Pet. Geol. Bull., 56, 375-384 (see January, 1971).
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9	Test of New Global Tectonics: Discussion – R. H. Paschall, Amer. Assoc. Pet. Geol. Bull, 56, 390-391 (see January, 1971).
10	Test of New Global Tectonics: Reply – M. L. Hill, Amer. Assoc. Pet. Geol. Bull., 56, 391-392 (see preceeding paper and January, 1971).

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1							X	X						X																	X			X								X	HOT	SPOTS				
2														X																	X											X						
3	X				X					X																																X	X					
4	X				X					X																																X	X					
5	X				X					X																																X	X					
6	X				X					X																																X	X					
7	X				X					X																																	X					
8	X				X					X																																	X					
9	X				X					X																																	X					
10	X				X					X																																	X					

		SAN ANDREAS	CALIFORNIA	ALASKA	U.	NORTH AMERICA	CARIBBEAN	COCOS	NAZCA	SOUTH AMERICA	PACIFIC	JAPAN/KURIL	PHILIPPINES	INDONESIA	SW PACIFIC	NEW ZEALAND	AUSTRALIA	USSR	CHINA	INDIA	INDIAN OCEAN	ASIA	MID EAST	AFRICA	MEDIT/S EUR	N EUROPE	EURASIA	ATLANTIC	ICELAND	ANTARCTICA			SPREADING	CONVERGENCE	SLIP RATE	PLATE MOTION	STRAIN	TILT/UPLIFT	EARTHQUAKE	CREEP			GEODETIC	GEOLOGIC	MAGNETIC	SEISMIC	PALEOMAGNETIC			
11	Rotation of the Corsica-Sardinia Microplate – W. Alvarez, Nature, 235, 103-105.																								X											X						X							

1	Crustal Deformation On the Denali Fault, Alaska, 1942-1970 – R. A. Page, JGR, 77, 1528-1533.
2	Hawaiian-Emperor Chain and Its Relation to Cenozoic Circumpacific Tectonics – E. D. Jackson, E. A. Silver, G. B. Dalrymple, GSA, 83, 601-617.
3	Sea Floor Spreading in the North Atlantic – W. C. Pitman, III, M. Talwani, GSA, 83, 619-646.

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1			X																																X														
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3																											X					X			X									X					

MARCH, 1972

		SAN ANDREAS	CALIFORNIA	ALASKA	US	NORTH AMERICA	CARIBBEAN	COCOS	NAZCA	SOUTH AMERICA	PACIFIC	JAPAN/KURIL	PHILIPPINES	INDONESIA	SW PACIFIC	NEW ZEALAND	AUSTRALIA	USSR	CHINA	INDIA	INDIAN OCEAN	ASIA	MID EAST	AFRICA	MEDIT/S EUR	N EUROPE	EURASIA	ATLANTIC	ICELAND	ANTARCTICA		SPREADING	CONVERGENCE	SLIP RATE	PLATE MOTION	STRAIN	TILT/UPLIFT	EARTHQUAKE	CREEP			GEODETIC	GEOLOGIC	MAGNEIIC	SEISMIC	PALEOMAGNITIC			
1	Topography and Evolution of the East Pacific Rise Between 5° S and 20° S – R. N. Anderson, J. G. Sclater, Earth Planet. Sci. Let., 14, 433-441.										X																					X										X							

1	Regional Secular Strain Fields in Southern Nevada – S. W. Smith, R. Kind, Tectonophysics, 14, 57-69.
2	The Galapagos Triple Junction and Plate Motions in the East Pacific – R. N. Hey, K. S. Deffeyes, G. L. Johnson, A. Lowrie, Nature, 237, 20-22.

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1				X																															X								X						
2							X	X		X																		X			X			X									X						

1	Sea Floor Spreading and the Cenozoic History of the East-Central Pacific – E. M. Herron, GSA, 83, 1671-1692.
2	Pleistocene-Holocene Deformation of the San Clemente Island Crustal Block, California – J. B. Ridlon, GSA, 83, 1831-1844.
3	A Spreading Centre in the East Scotia Sea – B. F. Parker, Earth Planet. Sci. Let., 15, 123-132.
4	Rate of Horizontal Fault Displacement in New Zealand – H. W. Wellman, Nature, 237, 275-277 (see April, 1973).

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1							X	X		X																			X			X			X								X					
2		X																																		X							X					
3																SCOTIA SEA															X													X					
4															X																		X											X					

JUNE, 1972

1	Geomorphic Evidence for Late-Wisconsin and Holocene Tectonic Deformation, Death Valley, California – R. LeB. Hooke, GSA, 83, 2073-2098.
2	A Year of Strain Measurements in Southern California -- J. Berger, F. Wyatt, R. Lovberg, Nature, 238, 93-94.

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1		X																														X			X							X							
2	X	X																																X									X							

1	The N Plate Problem of Plate Tectonics – C. G. Chase, Geophys. J. R. Astr. Soc., 29, 117-122.
2	Geodetic Studies and Forerunners of Earthquakes – Y. D. Boulanger, A. K. Pevnev, V. B. Enman, P. A. Atrushkevich, E. M. Antonenko, Tectonophysics, 14, 183-188.
3	Geomagnetic Observation and Fault Creep in California – P. Talwani, R. L. Kovach, Tectonophysics, 14, 245-256.
4	Crustal Movements in Tectonic Areas – C. H. Scholz, Tectonophysics, 14, 201-217.
5	Magnetic Anomalies on the Reykjanes Ridge – E. M. Herron, M. Talwani, Nature, 238, 390-392.

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3	X																																					X			X							
4	X										X																							X			X	X	X			X						
5					X																					X	X	X				X			X								X					

AUGUST, 1972

1	Observations of Regional Strain Variations – S. W. Smith and R. Kind, JGR, 77, 4976-4980.
2	Comments on Paper by X. Le Pichon, R. D. Hyndman and G. Pautot, 'Geophysical Study of the Opening of the Labrador Sea' – P. R. Vogt, JGR, 77, 3054-3057 (see July, 1971).

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1				X																														X						X							
2													LABRADOR SEA														X				X										X							

1 Origin and Structure of the Iceland Plateau and Kolbeinsey Ridge – G. L. Johnson, J. R. Southall, P. W. Young, P. R. Vogt, JGR, 77, 5688-5696.

2 Rock Dilatancy and Strain Accumulation Near Parkfield, California – J. T. Cherry and J. C. Savage, BSSA, 62, 1343-1347.

3 Is the African Plate Stationary? – K. Burke, J. T. Wilson, Nature, 239, 387-390 (see comment May, 1973).

4 Crustal Spreading in Southern California – W. A. Elders, R. W. Rex, T. Meidav, P. T. Robinson, S. Biehler, Science, 178, 15-24.

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2	X																																		X		X					X						
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1 Magnetic Smooth Zones in the South Atlantic – J. Mascle, J. D. Phillips, Nature, 240, 80-84.

2 Two Small Crustal Plates in the South Pacific near Easter Island – E. M. Herron, Nature, 240, 35-37.

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1									X														X									X											X						
2								X		X													X									X											X						

1	Geomorphic Evidence of Late Holocene Vertical Stability in the Aleutian Islands, Alaska – R. H. Morris, R. C. Buckman, BSSA, 62, 1365-1375.
2	Active Tectonics of the Mediterranean Region – D. McKenzie, Geophys, J. R. Astr. Soc., 30, 109-185 (see comment, September, 1973).
3	World-Wide Correlation of Mesozoic Magnetic Anomalies and Its Implications – R. L. Larson, W. C. Pitman, III, GSA, 83, 3645-3662 (see comment and reply, February, 1975).
4	The Indian-Antarctic-Pacific Triple Junction – R. K. H. Falconer, Earth Planet Sci. Let., 17, 151-158.

	SAN ANDREAS	CALIFORNIA	ALASKA	US	NORTH AMERICA	CARIBBEAN	COCOS	NAZCA	SOUTH AMERICA	PACIFIC	JAPAN/KURIL	PHILIPPINES	INDONESIA	SW PACIFIC	NEW ZEALAND	AUSTRALIA	USSR	CHINA	INDIA	INDIAN OCEAN	ASIA	MID EAST	AFRICA	MEDIT/S EUR	N EUROPE	EURASIA	ATLANTIC	ICELAND	ANTARCTICA			SPREADING	CONVERGENCE	SLIP RATE	PLATE MOTION	STRAIN	TILT/UPLIFT	EARTHQUAKE	CREEP			GEODETIC	GEOLOGIC	MAGNETIC	SEISMIC	PALEOMAGNETIC			
1			X																					X													X						X					
2																								X										X										X					
3										X																	X				X													X					
4										X									X	X								X			X													X	X				

1	A Topographic Interpretation of the Mathematician Ridge, Clipperton Ridge, East Pacific Rise System – R. N. Anderson, E. E. Davis, Nature, 241, 191-193.
2	Plate Motions and Deep Mantle Convection – W. J. Morgan, Studies in Earth and Space Science, Geological Society of America, Memoir 132, 7-22.
3	Diachronous Deposits: A Kinematic Interpretation of the Post Jurrasic Sedimentary Sequence on the Pacific Plate – B. C. Heezen, I. D. Macgregor, H. P. Foreman, G. Forristal, H. Hekel, R. Hesse, R. H. Hoskins, E. J. W. Jones, A. Kaneps, V.A. Krasheninnikov, H. Okada, M. H. Ruef, Nature, 241, 25-32.
4	Deep Sea Sediment Source Areas: Implications of Variable Rates of Movement between California and the Pacific Plate – J. R. Hein, Nature, 241, 40-41.

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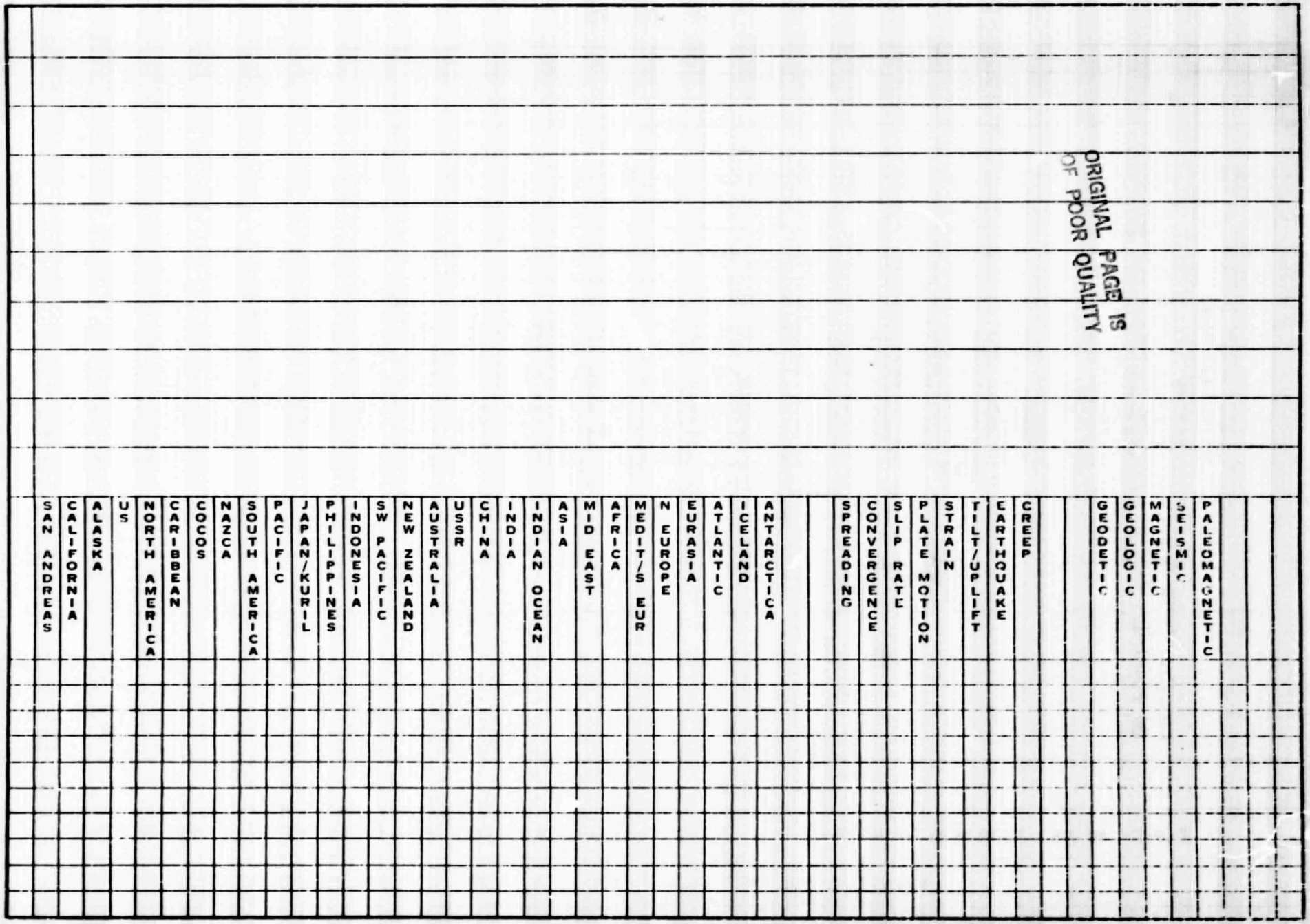
1							X			X																				X													
2	PLATE MOTION MODEL																																						TOPOGRAPHY				
3										X																							X						X				
4		X								X																							X						X				

JANUARY, 1973

		SAN ANDREAS	CALIFORNIA	ALASKA	US	NORTH AMERICA	CARIBBEAN	COCOS	NAZCA	SOUTH AMERICA	PACIFIC	JAPAN/KURIL	PHILIPPINES	INDONESIA	SW PACIFIC	NEW ZEALAND	AUSTRALIA	USSR	CHINA	INDIA	INDIAN OCEAN	ASIA	MID EAST	AFRICA	MEDIT/S EUR	N EUROPE	EURASIA	ATLANTIC	ICELAND	ANTARCTICA			SPREADING	CONVERGENCE	SLIP RATE	PLATE MOTION	STRAIN	TILT/UPLIFT	EARTHQUAKE	CREEP			GEODETIC	GEOLOGIC	MAGNETIC	SEISMIC	PALEOMAGNETIC			
1	Geodetic Determination of Relative Plate Motions in Central California – J. C. Savage, R. O. Burford, JGR, 78, 832-845.	X																																X	X	X					X							
2	Measurement of Fault Displacement by Optical Parallax – V. Vacquier, R. E. Whiteman, JGR, 78, 858-865.					X					X																							X							X							
3	Rate and Direction of Spreading in Dixie Valley Basin and Range Province, Nevada – G. A. Thompson and D. B. Burke, GSA, 84, 627-632.				X																												X											X				



MARCH, 1973

1	Rifting History of the Woodlark Basin in the Southwest Pacific – B. P. Luyendyk, K. C. MacDonald, W. B. Bryan, GSA, 84, 1125-1134.
2	Tertiary Pacific Plate Motion Deduced from the Hawaiian-Emperor Chain – D. A. Clague, R. D. Jarrard, GSA, 84, 1135-1154.
3	Rate of Horizontal Fault Displacement in New Zealand – R. P. Suggate, G. J. Lensen, Nature, 242, 518 (see June, 1972).

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1														X																X										X		
2										X																							X					HOT SPOTS			
3															X																											

1	Surface Deformation and Crustal Structure in the Mydralsjokull Area of South Iceland – E. Tryggvason, JGR, 78, 2488-2497.
2	Ascension Fracture Zone, Ascension Island, and the Mid-Atlantic Ridge – T. H. Van Andel, D. K. Rea, R. P. Von Herzen, H. Hoskins, GSA, 84, 1527-1546.
3	Kinematics of Fault Creep – C. Y. King, R. D. Nason, D. Tocher – Phil. Trans. Roy. Soc. Lond., A274, 355-360.
4	New Zealand Earth Strain Measurements – V. B. Gerard, Phil. Trans. Roy. Soc. Lond., A274, 311-321.
5	Comments on "Is the African Plate Stationary?" – A. Kroner, Nature, 243, 29-30 (see October, 1972).

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1																											X									X					X								
2																											X					X											X	X				
3	X																																			X			X								
4															X																					X												
5																							X												X									X				

MAY, 1973

1	New Estimates of Rapid Sea-Floor Spreading Rates and the Identification of Young Magnetic Anomalies on the East Pacific Rise, 6° and 11° S – D. K. Rea, J. Dymond, G. R. Heath, D. F. Heinrichs, S. H. Johnson, D. M. Hussong, Earth Planet Sci. Let., 19, 225-229.
2	Indian-Pacific Rotation Pole Determined from Earthquake Epicenters – R. K. H. Falconer, Nature, 243, 97-99.

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1								X		X																						X		X									X						
2										X									X															X										X					

	Basement Ages and Basement Depths in the Eastern Equatorial Pacific from Deep Sea Drilling Project Legs 5, 8, 9, and 16 – T. H. Van Andel and D. Bakey, GSA, 84, 2361-2370

	SAN ANDREAS	CALIFORNIA	ALASKA	US	NORTH AMERICA	CARIBBEAN	COCOS	NAZCA	SOUTH AMERICA	PACIFIC	JAPAN/KURIL	PHILIPPINES	INDONESIA	SW PACIFIC	NEW ZEALAND	AUSTRALIA	USSR	CHINA	INDIA	INDIAN OCEAN	ASIA	MID EAST	AFRICA	MEDIT/S EUR	N EUROPE	EURASIA	ATLANTIC	ICELAND	ANTARCTICA			SPREADING	CONVERGENCE	SLIP RATE	PLATE MOTION	STRAIN	TILT/UPLIFT	EARTHQUAKE	CREEP			GEODETIC	GEOLOGIC	MAGNETIC	SEISMIC	PALEOMAGNETIC			
1				X			X			X																						X										X	X	DSDP			

1	Paleomagnetic Zones in the Oligocene East South Gabbro, Vancouver Island, British Columbia – D. T. A. Symons, JGR, 78, 5100-5109.
2	Permian Paleomagnetic Result from the Western Pyrenes Delineating the Plate Boundary Between the Iberian Peninsula and Stable Europe, R. Van der Voo, A. Boessenkool, JGR, 78, 5118-5127.
3	Rates of Late Cenozoic Uplift, Baldwin Hills, Los Angeles, California – O. L. Bandy, L. Marincovich, Science, 181, 653-655.

2

	SAN ANDREAS	CALIFORNIA	ALASKA	US	NORTH AMERICA	CARIBBEAN	COCOS	NAZCA	SOUTH AMERICA	PACIFIC	JAPAN/KURIL	PHILIPPINES	INDONESIA	SW PACIFIC	NEW ZEALAND	AUSTRALIA	USSR	CHINA	INDIA	INDIAN OCEAN	ASIA	MID EAST	AFRICA	MEDIT/S EUR	N EUROPE	EURASIA	ATLANTIC	ICELAND	ANTARCTICA			SPREADING	CONVERGENCE	SLIP RATE	PLATE MOTION	STRAIN	TILT/UPLIFT	EARTHQUAKE	CREEP			GEODETIC	GEOLOGIC	MAGNETIC	SEISMIC	PALEOMAGNETIC			
1					X																																								X				
2																								X																							X				
3		X																																			X							X						

1	Precison of Geodolite Distance Measurements for Determining Fault Movements – J. C. Savage, W. H. Prescott, JGR, 75, 6001-6008.
2	Rigid Plates, Buffer Plates and Sub-Plates – Comment on 'Active Tectonics of the Mediterranean Region' – C. Roman, Geophys, J. R. Astr. Soc., 33, 369-373 (see December 1972).
3	Fast Sea-Floor Spreading on the Chile Ridge – V. D. Klitgord, J. D. Mudie, P. A. Larson, J. A. Grow, Earth Planet. Sci. Let., 20, 93-99.

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1	X																																		X														
2																								X						X				X										X					
3								X																					X		X														X					

1	A Detailed Heat Flow, Topographic, and Magnetic Survey Across the Galapagos Spreading Center at 86°W – J. G. Sclater and K. D. Klitgord, JGR, 78, 6951-6975.
2	Interpretation of Strain Steps Accompanying Two New Zealand Earthquakes – V. B. Gerard, BSSA, 63, 1753-1756.

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1							X	X																							X												X						
2															X																				X		X						X						

1	Interpretation of Measured Movement at a Himalayan (Nahan) Thrust – H. Sinvhal, P. N. Agrawal, G. C. P. King, V. K. Gaur – Geophys. J. R. Astr. Soc., 34, 203-210.
2	Increasing Rate of Movement with Time Between California and the Pacific From Delgada Submarine Fan Source Areas – J. R. Hein, JGR, 78, 7752-7762 (see correction April 1977).
3	The Role of Fracture Zones in Sea Floor Spreading – C. G. A. Harrison, M. M. Ball, JGR, 78, 7776-7785.
4	Evidence for Sea Floor Spreading in the Cayman Trough – T. L. Holcombe, P. R. Vogt, J. E. Matthews, R. R. Murchison, Earth Planet. Sci. Let., 20, 357-371.
5	Evidence for the Opening of the South Atlantic in the Early Cretaceous – R. L. Larson, J. W. Ladd, Nature, 246, 209-212.
6	Radiometric Ages of Kodiak Seamount and Giacomini Guyot, Gulf of Alaska: Implications for Circum-Pacific Tectonics – D. L. Turner, R. B. Forbes, C. W. Naeser, Science, 182, 579-581.

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1																			X																X	X		X					
2					X					X																									X					DSPD SAMPLES				
3										X										X							X		X			X								X			
4					X	X			X																							X								BATHYMETRIC				
5																											X					X										X		
6			X							X																								X							X			

1	Detailed Near-Bottom Geophysical Study of the Gorda Rise – T. Atwater, J. D. Mudie, JGR, 78, 8665-8686.
2	Sea-Floor Spreading Rate Changes in the South Atlantic – T. P. Loomis and W. J. Morgan, Marine Geophysical Researches, 2, 3-9.

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1					X					X																						X												X						
2																											X					X												X						

1	Detailed Magnetic Survey in the Northeast Atlantic and Labrador Sea – P. R. Vogt and A. E. Avery, JGR, 79, 363-389.
2	Two Stage Red Sea Floor Spreading – R. W. Girdler, P. Styles, Nature, 247, 7-11.

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1																											X					X												X						
2																						X	X									X												X						

1	Effects of the Bear Valley and San Juan Bautista Earthquakes of 1972 on Geodimeter Line Lengths – W. H. Prescott, J. C. Savage, BSSA, 64, 65-72.
2	Poway Fan and Submarine Cone and Rifting of the Inner Southern California Borderland – R. Yeats, GSA, 85, 243-302.
3	Elevation Changes Preceding the San Fernando Earthquake of February 9, 1971 – R. O. Castle, J. N. Alt, J. C. Savage, E. I. Balazs, Geology, 2, 61-66.

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1	X																																				X				X							
2		X																																	X							X						
3	X	X																																			X				X							

1	The Spectrum of Earth Strain from 10^{-8} to 10^{2} Hz – J. Berger, J. Levine, JGR, 79, 1210-1214.
2	Numerical Modelling of Instanteous Plate Tectonics – J. B. Minster, T. H. Jordan, P. Molnar, E. Haines, Geophys. J. R. Astr. Soc., 36, 541-576.
3	Migration of Volcanism with Time in the Marquesas Islands, French Polynesia – R. A. Duncan, I. McDougall, Earth Planet. Sci. Let., 21, 414-420.
4	Tectonic Significance of the Kodiak-Bowie Seamount Chain, Northeastern Pacific – E. A. Silver, R. Von Huene, J. K. Crouch, Geology, 2, 147-150.

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1		X		X																															X							X							
2										PLATE MOTION MODEL																					X			X																			
3										X																									X							HOT SPOTS							
4					X					X					JUAN DE FUCA																					X							HOT SPOTS							

MARCH, 1974

1	Paleomagnetic Evidence of Northward Movement of the Pacific Plate in Deep-Sea Cores from the Central Pacific Basin – S. R. Hammond, F. Theyer, and G. H. Sutton, Earth Planet. Sci. Let., 22, 22-28.
2	Some Characteristics of the Rift Valley in the Atlantic Ocean near 36°48′ North – H. D. Needham, J. Francheteau, Earth Planet. Sci. Let., 22, 29-43.

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1										X																								X												X			
2																												X				X												X					

1	Transfer of Nazca Ridge Pelagic Sediments to the Peru Continental Margin – L. D. Kulm, J. M. Resig, T. C. Moore, Jr., V. J. Rosato, GSA, 85, 769-780.
2	Evolution of the East Central Indian Ocean with Emphasis on the Tectonic Setting of the Ninetyeast Ridge – J. G. Sclater, R. L. Fisher, GSA, 85, 683-702.
3	Contributions to the Petrography and Geochronology of Volcanic Rocks from the Leeward Hawaiian Islands, G. B. Dalrymple, M. A. Lanphere, E. D. Jackson, GSA, 85, 727-738.

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1								X	X																						X										X						
2																				X											X											X						
3										X																								X								X						

1	The Australian-Antarctic Discordance: New Results and Implications – J. K. Weissel, D. E. Hayes, JGR, 79, 2579-2587.
2	Possible Fault Slip on the Brawley Fault, Imperial Valley, California – J. C. Savage, D. D. Goodreau, W. H. Prescott, BSSA, 64, 713-716.
3	Strain Release Mechanism of the 1906 San Francisco Earthquake – W. Thatcher, Science, 184, 1283-1285.
4	Evidence for Postearthquake Slip in the Fairview Peak, Dixie Valley and Rainbow Mountain Fault Areas of Nevada – J. C. Savage, J. P. Church, BSSA, 64, 687-698.

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1																X													X			X												X						
2		X																															X									X						
3	X																																		X		X					X						
4				X																																	X	X				X						

JUNE, 1974

		SAN ANDREAS	CALIFORNIA	ALASKA	US	NORTH AMERICA	CARIBBEAN	COCOS	NAZCA	SOUTH AMERICA	PACIFIC	JAPAN/KURIL	PHILIPPINES	INDONESIA	SW PACIFIC	NEW ZEALAND	AUSTRALIA	USSR	CHINA	INDIA	INDIAN OCEAN	ASIA	MID EAST	AFRICA	MEDIT/S EUR	N EUROPE	EURASIA	ATLANTIC	ICELAND	ANTARCTICA			SPREADING	CONVERGENCE	SLIP RATE	PLATE MOTION	STRAIN	TILT/UPLIFT	EARTHQUAKE	CREEP			GEODETIC	GEOLOGIC	MAGNETIC	SEISMIC	PALEOMAGNETIC			
1	Plate Tectonics and the Japanese Islands: A Synthesis – S. Uyeda, A. Miyashiro, GSA, 85, 1159-1170.					X					X	X																				X	X		X								X					

		SAN ANDREAS	CALIFORNIA	ALASKA	US	NORTH AMERICA	CARIBBEAN	COCOS	NAZCA	SOUTH AMERICA	PACIFIC	JAPAN/KURIL	PHILIPPINES	INDONESIA	SW PACIFIC	NEW ZEALAND	AUSTRALIA	USSR	CHINA	INDIA	INDIAN OCEAN	ASIA	MID EAST	AFRICA	MEDIT/S EUR	N EUROPE	EURASIA	ATLANTIC	ICELAND	ANTARCTICA			SPREADING	CONVERGENCE	SLIP RATE	PLATE MOTION	STRAIN	TILT/UPLIFT	EARTHQUAKE	CREEP			GEODETIC	GEOLOGIC	MAGNETIC	SEISMIC	PALEOMAGNETIC			
1	Crustal Strain Measurements in Nevada – K. Priestley, BSSA, 64, 1319-1328.				X																															X					X							

1	Geodimeter Measurements of Slip and Strain Accumulation Along the San Andreas Fault – J. C. Savage, W. H. Prescott, Tectonophysics, 23, 407-418
2	Regional Investigations of Vertical Crustal Movements in the U. S. Using Precise Releveling and Mareograph Data – S. R. Holdahl, N. L. Morrison, Tectonophysics, 23, 373-390.
3	Large Earthquakes in the New Guinea-Solomon Islands Area 1873-1972 – I. B. Everingham, Tectonophysics, 23, 323-338.
4	The Galapagos Spreading Center: A Near-Bottom Geophysical Survey – K. D. Klitgord, J. D. Mudie, Geophys. J. R. Astr. Soc., 38, 563-586.

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1	X																																X		X						X							
2				X										X																							X						X							
3														X																				X									X							
4							X	X		X																					X												X							

SEPTEMBER, 1974

		SAN ANDREAS	CALIFORNIA	ALASKA	US	NORTH AMERICA	CARIBBEAN	COCOS	NAZCA	SOUTH AMERICA	PACIFIC	JAPAN/KURIL	PHILIPPINES	INDONESIA	SW PACIFIC	NEW ZEALAND	AUSTRALIA	USSR	CHINA	INDIA	INDIAN OCEAN	ASIA	MID EAST	AFRICA	MEDIT/S EUR	N EUROPE	EURASIA	ATLANTIC	ICELAND	ANTARCTICA			SPREADING	CONVERGENCE	SLIP RATE	PLATE MOTION	STRAIN	TILT/UPLIFT	EARTHQUAKE	CREEP			GEODETIC	GEOLOGIC	MAGNETIC	SEISMIC	PALEOMAGNETIC			
1	Deep-Tow Magnetic Measurements Across the Axial Valley of the Mid-Atlantic Ridge – D. Greenewalt, P. T. Taylor, JGR, 79, 4401-4405.																											X					X												X					

1	Uranium-Series Age of the Upper Pleistocene Nestor Terrace, San Diego, California – T.-L. Ku, J. P. Kern, GSA, 85, 1713-1716.
2	Post-Earthquake Dilatancy Recovery – C. H. Scholz, Geology, 2, 551-564 (see comment February, 1975).
3	Deep Drilling in an Active Geothermal Area in the Azores – G. K. Muecke, J. M. Ade-Hall, F. Aumento, A. MacDonald, P. H. Reynolds, R. D. Hyndman, J. Quinto, N. D. Opdyke, W. Lowrie, Nature, 252, 281-285.

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1	X																																			X						X						
2			X								X																									X	X				X						
3																											X									X						X						

NOVEMBER, 1974

1	Offset Plutons and History of Movement Along the McKinley Segment of the Denali Fault System, Alaska – B. L. Reed, M. A. Lanphere, GSA, 85, 1883-1892.
2	Uplifted Turbidite Basins on the Seaward Wall of the Peru Trench – R. A. Prince, J. M. Resig, L. D. Kulm, T. C. Moore, Geology, 2, 607-611.

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1			X																														X									X							
2								X	X																											X								X							

DECEMBER, 1974

1	Absolute Plate Motions by Boundary Velocity Minimizations – W. M. Kaula, JGR, 80, 244-248.
2	Mean Sea Level Before and After Some Great Strike-Slip Earthquakes – M. Wyss, Pageoph, 113, 107-118.
3	Aseismic Faulting Following the 1973 Nemuro-Oki Earthquake, Hokkaido, Japan (a possibility) – K. Kasahara, Pageoph, 113, 127-139.
4	A Search for Precursors to the Sika, 1972, Earthquake: Sea Level, Magnetic Field, and P-Residuals – M. Wyss, Pageoph, 113, 297-309.
5	Possible Premonitory Strain Changes Associated with an Earthquake Swarm Near Miva, Nevada – K. F. Priestley, Pageoph, 113, 251-256.

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1	PLATE MOTION MODEL																																	X																
2	X	X	X	X	X					X																										X	X					X								
3											X																									X		X				X								
4			X																																		X		X				X								
5				X																																	X		X				X								

JANUARY, 1975

1	World-Wide Correlation of Mesozoic Magnetic Anomalies and Its Implications: Discussion – W. A. Berggren, D. P. McKenzie, J. G. Sclater, J. E. Van Hinte, GSA, 86, 267-269 (see December, 1972).
2	World-Wide Correlation of Mesozoic Magnetic Anomalies and Its Implications: Reply – R. L. Larson, W. C. Pitman, III, GSA, 86, 270-272 (see preceding paper and December, 1972).
3	Post-Earthquake Dilatancy Recovery: Comment – G. Plafker, Geology, 3, 68 (see October, 1974).
4	Possible Large Creep Event Apparently Preceded by a Dilatant Precursor – V. B. Gerard, Nature, 253, 520.

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1										X																	X					X											X						
2										X																	X					X											X						
3			X																																		X	X				X						
4															X																					X			X			X						

1	Magnetic Anomalies, Bathymetry, and the Tectonic Evolution of the South Pacific Since the Late Cretaceous – P. Molnar, T. Atwater, J. Mammerickx, S. M. Smith, Geophys. J. R. Astr. Soc., 40, 383-420.
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1														X	X	X													X			X												X						
2	X		X								X																					X	X	X						X								

1	Fault Plane Solutions and Tectonics of the South Atlantic and Scotia Sea – D. W. Forsyth, JGR, 86, 1429-1443.
2	Paleomagnetic Evidence for Rotation of the Italian Peninsula – W. Lowrie, W. Alvarez, JGR, 80, 1579-1592.

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1									X																				X				X	X	X								X					
2																								X										X											X				

		SAN ANDREAS	CALIFORNIA	ALASKA	US	NORTH AMERICA	CARIBBEAN	COCOS	NAZCA	SOUTH AMERICA	PACIFIC	JAPAN/KURIL	PHILIPPINES	INDONESIA	SW PACIFIC	NEW ZEALAND	AUSTRALIA	USSR	CHINA	INDIA	INDIAN OCEAN	ASIA	MID EAST	AFRICA	MEDIT/S EUR	N EUROPE	EURASIA	ATLANTIC	ICELAND	ANTARCTICA			SPREADING	CONVERGENCE	SLIP RATE	PLATE MOTION	STRAIN	TILT/UPLIFT	EARTHQUAKE	CREEP			GEODETIC	GEOLOGIC	MAGNETIC	SEISMIC	PALEOMAGNETIC			
1	Evidence of Local Migration of a Spreading Center – R. J. Blakely, Geology, 3, 35-38.										X																					X											X		X				

1	Reconnaissance Geophysical Survey of the Caroline Basin – Dewey R. Bracey, GSA, 86, 775-784.
2	Calculated Geochronology and Stress Field Orientation Along the Hawaiian Chain – E. D. Jackson, H. R. Shaw, K. E. Bargar, Earth Planet Sci. Let., 26, 145-155.

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1														X																		X												X						
2										X																								X										X						

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JULY, 1975

1	Geodetic Measurements of Deformation in Owens Valley, California – J. C. Savage, J. P. Church, W. H. Prescott, BSSA, 65, 865-874 (see eratum April, 1976).
2	Cenozoic Tectonics of Asia: Effects of a Continental Collision – P. Molnar, P. Tapponier, Science, 189, 419-426.
3	Evidence for Afterslip on the San Fernando Fault – J. C. Savage, J. P. Church, BSSA, 65, 829-834.
4	On the Forces Driving Plate Tectonics: Inferences from Absolute Plate Velocities and Interplate Stress – S. C. Solomon, N. H. Sleep, R. M. Richardson, Geophys. J. R. Astr. Soc., 42, 769-801.

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3	X																																		X	X		X				
4	PLATE MOTION MODEL																																										

AUGUST, 1975

1	Further Analysis of the Geodetic Strain Measurements on the Denali Fault in Alaska – J. C. Savage, JGR, 80, 3786-3790.
2	Late Quaternary Uplift in Eastern Indonesia – H. D. Tjia, S. Fujii, K. Kigoshi, A. Sugimura, Tectonophysics, 23, 427-433.

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SEPTEMBER, 1975

1	A Possible Bias in the California State Geodimeter Data – J. C. Savage, JGR, 80, 4078-4088.
2	Aeromagnetic Study of the Mid-Atlantic Ridge Near the Oceanographer Fracture Zone – J. D. Phillips, H. S. Fleming, R. H. Feden, W. E. King, R. K. Perry, GSA, 56, 1348-1357.

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2					X																		X				X						X			X								X						

1	An Analysis of Near Bottom Magnetic Anomalies: Sea Floor Spreading and the Magnetized Layer – K. D. Klitgord, S. P. Huestis, J. D. Mudie, R. L. Parker, Geophys. J. R. Astr. Soc., 43, 387-424.
2	The Present Day Motion of the Caribbean Plate – T. H. Jordan, JGR, 80, 4433-4439.
3	Seismicity, Secular Strain, and Maximum Magnitude in the Elcelsior Mountains Area, Western Nevada, and Eastern California – A. Ryall, K. Priestley, GSA, 86, 1585-1592.
4	Strain and Deformation Rates at the Arabia/Iran Plate Boundary – J. S. Tchalenko, J. Geol. Soc. Lond., 131, 585-586.

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1	Strain Accumulation and Release Mechanism of the 1906 San Francisco Earthquake – W. Thatcher, JGR, 80, 4862-4872. (See comment and reply November, 1978).
2	Strain Accumulation On the Northern San Andreas Fault Zone Since 1906 – W. Thatcher, JGR, 80, 4873-4880.
3	Geodetic Surveys for Monitoring Crustal Movements in the United States – B. K. Meade, Tectonophysics, 29, 103-112.
4	Elevation Changes in the Central Transverse Ranges Near Ventura, California – J. M. Buchanan-Banks, R. O. Castle, J. I. Ziony, Tectonophysics, 29, 113-125.
5	Vertical Crustal Movements in Nova Scotia as Determined from Scattered Geodetic Releveling – P. Vanicek, Tectonophysics, 29, 183-189.
6	Earth Deformation Studies in New Zealand – G. J. Lensen, Tectonophysics, 29, 541-551.
7	Crustal Strain From Triangulation in Marlborough, New Zealand – H. M. Bibby, Tectonophysics, 29, 529-540.
8	On Horizontal Deformations at Faults Recorded by Extensometers – L. A. Latynina, Tectonophysics, 29, 421-427.
9	Summary of Geodetic Studies of Recent Crustal Movements in Switzerland – F. Jeanrichard, Tectonophysics, 29, 289-292.
10	Results of Geodetic and Geophysical Investigations of Recent Crustal Movements in the Soviet Part of the Eastern Carpathians – V. I. Somov, V. G. Kuznetsova, Tectonophysics, 29, 377-382.

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DECEMBER, 1975

11	Vertical Crustal Movements Preceding and Accompnaying the San Fernado Earthquake of February 9, 1971: A Summary – R. O. Castle, J. P. Church, M. R. Elliott, N. L. Morrison, Tectonophysics, 29, 127-140.
12	Present Day Stress Field and Seismotectonic Block Movements Along Major Fault Zones in Central Europe – L. Ahorner, Tectonophysics, 29, 233-249.
13	Actual and Ancient Uplift Rate in the Gotthard Region, Swiss Alps: A Comparison Between Precise Leveling and Fission – Track Apatite Age – J. P. Shaer, G. M. Reimer, G. A. Wagner, Tectonophysics, 29, 293-300.
14	Seismicity and Uplift of Southern Italy – G. E. Brogan, L. S. Cluff, C. L. Taylor, Tectonophysics, 29, 323-330.
15	Recent Crustal Movement in the Bohemian Massif – P. Vyskocil, Tectonophysics, 29, 349-358.
16	Recent Vertical Crustal Movements in the Ponto-Caspian Orogenic Region – N. S. Blasovolin, D. A. Lilienberg, S. V. Pobedonostsev, Tectonophysics, 29, 395-399.
17	Regularities of the Deformations of the Earth's Crust at the Joint of the Pamirs and Tien-Shan – A. K. Pevnev, T. V. Guseva, N. N. Oclinev, G. V. Saprykin, Tectonophysics, 29, 429-438.
18	Recent Crustal Movements Along the Red Sea and Gulf of Asian Coasts in Afar (Ethiopia and T.F.A.I) – H. Faure, Tectonophysics, 29, 479-486.
19	Crustal Rupture and the Initiation of Imbricate Thrusting in the Peru-Chile Trench – R. A. Prince, L. D. Kulm, GSA, 86, 1639-1653.
20	Recent Crustal Movements in Costa Rica Disclosed by Releveling Surveys – S. Miyamura, Tectonophysics, 29, 191-198.

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21	Geological and Geodetic Investigations On the Movement Along the Bocono Fault, Venezuelan Andes – C. Shubert, H. G. Henneberg, Tectonophysics, 29, 199-207.
22	Geodetic Measurements and Recent Crustal Movements in the Southern Upper Rhinegraben – H. Malzer, H. Schlemmer, Tectonophysics, 29, 275-282.
23	Possible Evidence for Contemporary Doming of the Adirondak Mountains, New York and Suggested Implications for Regional Tectonics and Seismicity – Y. W. Isachsen, Tectonophysics, 29, 169-181.
24	The Relative Motion of 'Hot Spots' in the Atlantic and Indian Oceans During the Cenozoic – P. Molnar, J. Francheteau, Geophys. J. R. Astr. Soc., 43, 763-774.
25	San Simeon-Hosgri Fault System, Coastal California: Economic and Environmental Implications, C. A. Hall, Science, 190, 1291-1293.
26	Recent Movements of the Earth's Crust in Poland: Some New Data – J. Liszkowski, Tectonophysics, 29, 383-888.
27	Studies of Recent Vertical Crustal Movements at the Territories Insufficiently Provided with Releveling Data – L. N. Bylinskaya, S. K. Gorelov, L. E. Setunskaya, V. A. Filkin, Tectonophysics, 29, 389-394.
28	Recent Crustal Deformation in the Ethiopian Rift Valley – P. A. Mohr, A. Girnius, J. R. Cherniack, E. M. Gaposchkin, J. Latimer – Tectonophysics, 29, 461-469.
29	Epeirogenic Studies in India with Reference to Recent Vertical Movements – L. N. Kailasam, Tectonophysics, 29, 505-521.
30	Paleomagnetic Evidence Relating to the Cenozoic Drift of Greenland – P. V. Sharma, R. N. Athavale, Tectonophysics, 29, 209-221.

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HOT SPOT MOTION

31 Movement Tendencies of the West Carpathians in the Quaternary – J. Kvitkovic, Tectonophysics, 29, 369-375.

32 Geodetic Measurements Made by Istituto Geografico Militare in the Strait of Messina Area – P. Bencini, Tectonophysics, 29, 331-337.

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31																										X											X						X						
32																								X																		X						

		SAN ANDREAS	CALIFORNIA	ALASKA	US	NORTH AMERICA	CARIBBEAN	COCOS	NAZCA	SOUTH AMERICA	PACIFIC	JAPAN/KURIL	PHILIPPINES	INDONESIA	SW PACIFIC	NEW ZEALAND	AUSTRALIA	USSR	CHINA	INDIA	INDIAN OCEAN	ASIA	MID EAST	AFRICA	MEDIT/S EUR	N EUROPE	EURASIA	ATLANTIC	ICELAND	ANTARCTICA			SPREADING	CONVERGENCE	SLIP RATE	PLATE MOTION	STRAIN	TILT/UPLIFT	EARTHQUAKE	CREEP			GEODETIC	GEOLOGIC	MAGNETIC	SEISMIC	PALEOMAGNETIC			
1	Tilt Observations in the Poorman Mine Near Boulder, Colorado – J. C. Harr n, JGR, 81, 329-336.				X																																X					X							

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	SAN ANDREAS	CALIFORNIA	ALASKA	US	NORTH AMERICA	CARIBBEAN	COCOS	NAZCA	SOUTH AMERICA	PACIFIC	JAPAN/KURIL	PHILIPPINES	INDONESIA	SW PACIFIC	NEW ZEALAND	AUSTRALIA	USSR	CHINA	INDIA	INDIAN OCEAN	ASIA	MID EAST	AFRICA	MEDIT/S EUR	N EUROPE	EURASIA	ATLANTIC	ICELAND	ANTARCTICA
1					X																					X			
2				X																									

	SPREADING	CONVERGENCE	SLIP RATE	PLATE MOTION	STRAIN	TILT/UPLIFT	EARTHQUAKE	CREEP	GEODETIC	GEOLOGIC	MAGNETIC	SEISMIC	PALEOMAGNETIC
1				X								X	
2						X			X				

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1								X		X																					X												X							

1	The Bouvet Triple Junction – J. G. Sclater, C. Bowin, R. Hey, H. Hoskins, J. Peirce, J. Phillips, C. Tapscott, JGR, 81, 1857-1869.
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		SAN ANDREAS	CALIFORNIA	ALASKA	US	NORTH AMERICA	CARIBBEAN	COCOS	NAZCA	SOUTH AMERICA	PACIFIC	JAPAN/KURIL	PHILIPPINES	INDONESIA	SW PACIFIC	NEW ZEALAND	AUSTRALIA	USSR	CHINA	INDIA	INDIAN OCEAN	ASIA	MID EAST	AFRICA	MEDIT/S EUR	N EUROPE	EURASIA	ATLANTIC	ICELAND	ANTARCTICA			SPREADING	CONVERGENCE	SLIP RATE	PLATE MOTION	STRAIN	TILT/UPLIFT	EARTHQUAKE	CREEP			GEODETIC	GEOLOGIC	MAGNETIC	SEISMIC	PALEOMAGNETIC			
1	Tectonic Fabric and Hydrothermal Activity of Mid-Atlantic Ridge Crest (lat. 26°N) – P. A. Rona, R. N. Harbison, B. G. Bassinger, R. B. Scott, A. J. Nalwalk, GSA, 87, 661-674.																											X					X											X					

1	Local Changes of Sea Level Before Large Earthquakes in South America – M. Wyss, BSSA, 66, 903-914.
2	Slip On the Sargent Fault – W. H. Prescott, R. O. Burford, BSSA, 66, 1013-1016.
3	Strike-Slip Faulting Terminates the Basin and Range Province in Oregon – R. D. Lawrence, GSA, 87, 846-850.
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1									X																												X	X				X							
2	X																															X									X							
3				X																												X										X						
4				X																																X							X						

JUNE, 1976

1	Anomalous Tilt Preceding the Hollister Earthquake of November 28, 1974 – C. E. Mortensen and M. J. S. Johnston, JGR, 81, 3561-3566.
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1	X																																			X	X				X							
2	X																																				X				X							
3														X																	X												X						
4																X				X									X		X												X						

1	Plate Tectonic Model for the Evolution of the Eastern Bering Sea Basin – A. K. Cooper, D. W. Scholl, M. S. Marlow, GSA, 87, 1119-1126.
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1			X							X		KULA, FARALLON																						X									X					
2								X		X																					X			X									X					

1	Mesozoic Magnetic Lineations, the Magnetic Quiet Zone, and Sea Floor Spreading in the Northwest Atlantic – D. L. Barrett, C. E. Keen, JGR, 81, 4875-4884.
2	Strain Accumulation On the San Andreas Fault Near Palmdale, California – W.H. Prescott, J. C. Savage, JGR, 81, 4901-4908.
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2	X																																			X							X						
3										X	X														X							X										X						
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5						X																										X											X						
6					X	X				X																													X				X						

1	Local Sea Level Changes Before and After the Hyuganda, Japan Earthquakes of 1961 and 1968 – M. Wyss, JGR, 81, 5315-5321.
2	Prince Edward Fracture Zone and the Evolution of the Mozambique Basin – H. W. Bergh, I. O. Norton, JGR, 81, 5221-5239.
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1	Episodic Strain Accumulation in Southern California – W. Thatcher, Science, 194, 691-695.
2	Comments on 'A Possible Bias in the California State Geodimeter Data' by J. C. Savage – G. J. Lensen, JGR, 81, 5731 (see October 1975).
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1	X																																		X	X					X							
2		X																																	X						X							
3																X			X	X									X				X		X								X						

1	Short Period Nonseismic Tilt Perturbations and Their Relation to Episodic Slip on the San Andreas Fault in Central California – S. McHugh, M. J. S. Johnston, JGR, 81, 6341-6346.
2	The Present Relative Motion Between Africa and Antarctica – I. O. Norton, Earth Planet. Sci. Let., 33, 219-230.
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1	Seismic Moments of Earthquakes Beneath Island Arcs, Phase Changes and Subduction Velocities – A. McGarr, JGR, 82, 256-264.
2	Spreading Center Jumps and Sub-Axial Asthenosphere Flow Near the Galapagos Hotspot – R. Hey, P. Vogt, Tectonophysics, 37, 41-52.
3	Timing of Spreading in the South Atlantic: Information from Brazilian Alkalic Rocks – N. Herz, GSA, 88, 101-112.
4	Subsidence of the Sverdrup Basin, Canadian Arctic Islands – J. F. Sweeny, GSA, 88, 41-48.
5	Mechanical Models for Absolute Plate Motions in the Early Tertiary – S. C. Solomon, N.H. Sleep, D. M. Jurdy, JGR, 82, 203-212.

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5	PLATE MOTION MODEL																																											

JANUARY, 1977

1	Preseismic and Coseismic Elevation Changes in the Epicentral Region of the Point Mugu Earthquake of February 21, 1973 – R. O. Castle, J. P. Church, M. R. Elliott, J. C. Savage, BSSA, 67, 219-231.
2	Cenozoic Geology of the Yerington District, Nevada and Implications for the Nature and Origin of Basin and Range Faulting – J. M. Proffett, Jr., GSA, 88, 247-266.
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4	New Hebrides Trench: Subduction Rate from Associated Lithospheric Bulge – J. Dubois, J. Launay, J. Recy, J. Marshall, Can. J. Earth Sci., 14, 250-255.

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1	Tectonic Structures On the Juan de Fuca Ridge – E. E. Davis and C. R. B. Lister, GSA, 88, 346-363.
2	A Model for Recent Plate Interactions Off Canada's West Coast – R. P. Riddihough, Can. J. Earth Sci., 14, 384-396.

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2					X											JUAN DE FUCA								EXPLORER								X			X										X				

1	Coseismic Steps Recorded on Creep Meters Along the San Andreas Fault – C.-Y. King, R. D. Nason, R. O. Burford, JGR, 82, 1655-1662.
2	Geodetic Measurements Of Deformation Associated with the Oroville, California Earthquake – J. C. Savage, M. Lisowski, W. H. Prescott, J. P. Church, JGR, 82, 1667-1671.
3	Correction (Increasing Rate Of Movement with Time Between California and the Pacific Plates From Delgada Submarine Fan Source Areas) – J. R. Hein, JGR, 82, 1710 (see November 1973).
4	Morphology and Tectonic Evolution of the Rift Valley at Lat. 36°30′ N, Mid Atlantic Ridge – I. B. Ramberg, T. H. Van Andel, GSA, 88, 577-586.
5	Near Bottom Magnetic Anomalies, Asymmetric Spreading, Oblique Spreading, and Tectonics of the Mid-Atlantic Ridge Near Lat. 37°N – K. C. Mac Donald, GSA, 88, 541-555.
6	High Rates of Vertical Crustal Movement near Ventura, California – R. S. Yeats, Science, 196, 295-298.

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2					X												JUAN DE FUCA							EXPLORER								X			X										X					

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APRIL, 1977

1	A Paleomagnetic Study of the Mull Lava Succession – J. M. Hall, R. L. Wilson, P. Dagley, Geophys. J. R. Astr. Soc., 49, 499-514.
2	Tectonic Evolution Of the Famous Area of the Mid Atlantic Ridge Lat. 35° 50′ to 37° 20′N – I. B. Ramberg, D. F. Gray, R. G. H. Raynolds, GSA, 88, 609-620.
3	Dynamic Interaction of Seismic Activity Along Rising and Sinking Edges of Plate Boundaries – E. Berg, G. H. Sutton, D. A. Walker, Tectonophysics, 39, 559-578.
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1																										X																			X				
2																											X					X												X					
3			X				X	X			X	X		X						X							X					X		X		X		X					X					
4				X																												X											X						

1	Observations of Creep-Related Tilt, Strain, and Water-Level Changes on the Central San Andreas Fault – C. E. Mortensen, R. C. Lee, R. O. Burford, BSSA, 67, 641-649.
2	Deformation at Middleton Island, Alaska, During the Decade After the Alaska Earthquake of 1964 – W. H. Prescott, M. Lisowski, BSSA, 67, 579-586.

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1	X																																		X	X		X			X							
2			X																																	X	X					X						

1	Seismic Moments of Major Earthquakes and the Average Rate of Slip in Central Asia – W.-P. Chen, P. Molnar, JGR, 82, 2945-2968.
2	Evolution of the Norwegian-Greenland Sea – M. Talwani, O. Eldholm, GSA, 88, 969-999.

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1																			X							X					X	X								X		X	
2	GREENLAND-NORWEGIAN SEA																																X								X			

JULY, 1977

1	Fault Slip Episodes Near Hollister, California: Initial Results Using a Multiwavelength Distance-Measuring Instrument – G. R. Huggett, L. E. Slater, L. Langbein, JGR, 82, 3361-3367.
2	Tectonic Implications of the Large Shioya-Oki Earthquake of 1938 – K. Abe, Tectonophysics, 41, 269-289.
3	Postseismic Crustal Uplift Near Anchorage, Alaska – L. D. Brown, R. E. Reilinger, S. R. Holdahl, E.J. Balazs, JGR, 82, 3369-3378.

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1	X																																X			X						
2											X																				X			X	X		X					
3			X																															X	X		X					

1	Probability of a Great Earthquake to Recur off the Pacific Coast of Central Japan – T. Rititake, Tectonophysics, 42, T43-T51.
2	Structural Geology of the Nenana River Segment of the Denali Fault System, Central Alaska Range – R. G. Hickman, C. Craddock, K. W. Sherwood, GSA, 88, 1217-1230.
3	Tectonic History of Aseismic Ridges in the Eastern Indian Ocean – B. P. Kuyendyk, W. Rennick, GSA, 88, 1347-1356.
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2			X																														X								X							
3																X			X	X									X						X									X			X			
4	X																																						X			X							

SEPTEMBER, 1977

1	The Instantaneous Rotation Vector of the Philippine Sea Plate Relative to the Eurasian Plate – T. Seno, Tectonophysics, 42, 209-226.
2	Recent Plate Motions in the Galapagos Area – R. Hey, G. L. Johnson, A. Lowrie, GSA, 88, 1385-1403.
3	Tectonic Evolution of the Cocos-Nazca Spreading Center – R. Hey, GSA, 88, 1404-1420.
4	Uranium Series and the Late Quaternary Uplift in the New Hebrides – G. Neff, H. H. Veeh, Nature, 269, 682-683.

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1											X	X														X							X											X					
2							X	X		X																								X										X					
3							X	X																							X													X	HOT SPOTS				
4														X																								X					X						

OCTOBER, 1977

1	Recent Vertical Crustal Movements From Precise Leveling Data in Southwestern Montana, Western Yellowstone National Park and the Snake River Plain – R. E. Reilinger, G. P. Citron, L. D. Brown, JGR, 82, 5349-5359.
2	Resistivity Observations During Creep Events at Melendy Ranch, California – D. V. Fitterman, T. R. Madden, JGR, 82, 5401-5408.
3	Origin and History of Upper Pleistocene Marine Terraces, San Diego, California – J. P. Kern, GSA, 88, 1553-1566.
4	Meiji Sediment Tongue: North Pacific Evidence for Limited Movement Between the Pacific and North America Plates – D. W. Scholl, J. R. Hein, M. Marlow, E. C. Buffington, GSA, 88, 1567-1576.

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1			X																																	X	X			X							
2	X																																					X		X								
3		X																																			X				X							
4					X					X																							X								X							

1	Continuous Strain Measurements During and Preceding Episodic Creep on the San Andreas Fault – M. J. S. Johnston, A. C. Jones, W. Daul, JGR, 82, 5683-5691.
2	An Analysis of Coseismic Tilt Changes From An Array in Central California – S. McHugh, M. J. S. Johnston, JGR, 82, 5692-5698.
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1	X																																	X			X			X								
2	X																																		X	X				X							
3													X							X														X								X		X				

1	Recent Tectonics and Late Cenozoic Evolution of New Zealand – R. I. Walcott, Geophys. J. R. Astr. Soc., 52, 137-164.
2	Some Results From Studying Recent Crustal Movements in the Baikal Rift Zone – V. G. Kolmogorov, P. P. Kolmogorova, Tectonophysics, 45, 101-105.
3	Present Day Strain Rates at the Northern End of the Ethiopian Rift Valley – P. Mohr, A. Girnius, J. Rolff, Tectonophysics, 44, 141-160.
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6	Plate Kinematics: The Americas, East Africa, and the Rest of the World – C. G. Chase, Earth Planet. Sci. Let., 37, 355-368.
7	Evidence for 115 Kilometers of Right Slip on the San Gregorio-Hosgri Fault Trend – S. A. Graham, W. R. Dickinson, Science, 199, 179-181.
8	Vertical Tectonism in Oceanic Fracture Zones – E. Bonatti, Earth Planet. Sci. Let., 37, 369-379.

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1										X					X				X	X													X	X				X				
2																	X																		X			X					
3																							X							X				X				X					
4				X																															X			X					
5	X																																			X	X	X					
6	PLATE MOTION MODEL																																										
7	X	X			X					X																					X	X						X				
8																											X								X			X					

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1	Tilt Near An Earthquake (M_L = 4.3), Briones Hills, California – M. J. S. Johnston, A. C. Jones, W. Daul, C. E. Mortensen, BSSA, 68, 169-173.
2	Geodetite Measurements Near the Briones Hills, California Earthquake Swarm of January 8, 1977 – J. C. Savage, W. H. Prescott, BSSA, 68, 175-180.
3	The Behavior of a Convergent Plate Boundary: Crustal Deformation in the South Kanto District, Japan, C. H. Scholz, T. Kato, JGR, 83, 783-797.
4	The Northward Movement of India Since the Late Cretaceous – J. W. Peirce, Geophys. J. R. Astr. Soc., 52, 277-311.
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	USSR	CHINA	INDIA	INDIAN OCEAN	ASIA	MID EAST	AFRICA	MEDIT/S EUR	N EUROPE	EURASIA	ATLANTIC	ICELAND	ANTARCTICA		
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	SPREADING	CONVERGENCE	SLIP RATE	PLATE MOTION	STRAIN	TILT/UPLIFT	EARTHQUAKE	CREEP			GEODETIC	GEOLOGIC	MAGNETIC	SEISMIC	PALEOMAGNETIC			
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3		X					X				X							
4															X			
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1	Late Quaternary Tectonic Movements and Sea Level Changes at Timor and Atauro Island – J. Chappell, H. H. Veeh, GSA, 89, 356-368.													X																							X					X	CORAL						

1	Fission-Track Ages From the Pandoh-Baggi Area, Himachal Himalaya, and Their Tectonic Interpretation – H. S. Saini, K. K. Nagpaul, K. K. Sharma, Tectonophysics, 46, 87-98.
2	Near Bottom Magnetic Measurements Between the Famous Area and DSDP Sites 332 and 333 – D. Greenewalt, P. T. Taylor, GSA, 89, 571-576.
3	A Plate-Tectonic Analysis of the Red Sea-Gulf of Aden Area – X. Le Pichon, J. Francheteau, Tectonophysics, 46, 369-405.
4	Spreading History of the Eastern Indian Ocean and India's Northward Flight From Antarctica and Australia: Discussion – H. A. Meyerhoff, A. A. Meyerhoff, GSA, 89, 637-640 (see November 1976).
5	Spreading History of the Eastern Indian Ocean and India's Northward Flight From Antarctica and Australia: Reply – B. D. Johnson, C. McA. Powell, J. J. Veevers, GSA, 89, 640 (see preceding paper)

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5																X			X	X									X				X		X									X					

1	Seismicity and Tectonics of the Ninetyeast Ridge Area, Evidence for Internal Deformation of the Indian Plate – S. Stein, E. A. Okal, JGR, 83, 2233-2245.
2	Late Quaternary Offsets Along the Fairweather Fault and Crustal Plate Interactions in Southern Alaska – G. Plafker, T. Hudson, T. Bruns, M. Rubin, Can. J. Earth Sci., 15, 805-816.

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1																				X													X	X									X					
2			X		X					X																							X	X			X					X			X				

1 Asymmetric Sea-Floor Spreading and a Nontransform Axis Offset: The East Pacific Rise 20°S Survey Area – D. K. Rea, GSA, 89, 836-844.

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1	Plate Kinematic Implications of Atlantic Equatorial Fracture Zone Trends – J. C. Sibuet, J. Mascle, JGR, 83, 3401-3421.
2	Structure and Tectonic History of the Eastern Panama Basin – P. Lonsdale, K. D. Klitgord, GSA, 89, 981-999.
3	Late Quaternary Tectonic Movements of Western and Central Asia – V. G. Trifonov, GSA, 89, 1059-1072.
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2					X		X	X								
3																
4																

	USSR	CHINA	INDIA	INDIAN OCEAN	ASIA	MID EAST	AFRICA	MEDIT/S EUR	N EUROPE	EURASIA	ATLANTIC	ICELAND	ANTARCTICA
1							X				X		
2													
3	X				X								
4				X									

	SPREADING	CONVERGENCE	SLIP RATE	PLATE MOTION	STRAIN	TILT/UPLIFT	EARTHQUAKE	CREEP	GEODETIC	GEOLOGIC	MAGNETIC	SEISMIC	PALEOMAGNETIC
1				X							X	X	
2	X										X		
3			X							X			
4						X				X			

1	Prehistoric Large Earthquakes Produced by Slip On the San Andreas Fault at Pallet Creak, California – K. E. Sieh, JGR, 83, 3907-3936.
2	Monitoring Slip Along Major Faults in Southern California – R. P. Keller, C. R. Allen, R. Gilman, N. R. Goultry, J. A. Hileman, BSSA, 68, 1187-1190.
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4	Inversion of Magnetic Anomalies and Sea-Floor Spreading in the Cayman Trough – K. C. MacDonald, T. L. Holcombe, Earth Planet. Sci. Let., 40, 407-414.
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1	Geodetic Strains and Large Earthquakes in the Axial Tectonic Belt of North Island, New Zealand – R. I. Walcott, JGR, 83, 4419-4429.
2	Paleomagnetism of the Devonian Catskill Red Beds: Evidence for Motion of the Coastal New England-Canadian Maritime Region Relative to Cratonic North America – D. V. Kent, N. D. Opdyke, JGR, 83, 4441-4450.

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1										X					X				X	X															X		X				X							
2					X																													X										X				

1	Contemporary Uplift of the Diablo Plateau, West Texas, From Leveling Measurements – L. D, Brown, R. E. Reilinger, J. R. Hagstrom, JGR, 83, 5465-5471.
2	Late Holocene Tectonic Activity Along the Margins of the Sinai Subplate – D. Neev, G. M. Friedman, Science, 202, 427-429.

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2																						X														X					X							

1	Present Day Plate Motion – J. B. Minster, T. H. Jordan, JGR, 83, 5331-5354.
2	The Caracus, Venezuela Earthquake of July, 1976 – A Multiple Source Event – J. A. Rial, JGR, 83, 5405-5414.
3	Repeated Creep Events on the San Andreas Fault Near Parkfield, California Recorded by a Strainmeter – N. R. Goultry, R. Gilman, JGR, 83, 5415-5419.
4	Comment on 'Strain Accumulation and Release Mechanism of the 1906 San Francisco Earthquake' by Wayne Thatcher – J. C. Savage, JGR, 83, 5487-5489 (see December, 1975).
5	Reply (to preceding comment) – W. Thatcher, JGR, 83, 5490-5492.
6	Strain in Southern California: Measured Uniaxial North-South Regional Contraction – J. C. Savage, W. H. Prescott, M. Lisowski, N. King, Science, 202, 883-885.

PLATE ROTATION MODEL

	SAN ANDREAS	CALIFORNIA	ALASKA	US	NORTH AMERICA	CARIBBEAN	COCOS	NAZCA	SOUTH AMERICA	PACIFIC	JAPAN/KURIL	PHILIPPINES	INDONESIA	SW PACIFIC	NEW ZEALAND	AUSTRALIA	USSR	CHINA	INDIA	INDIAN OCEAN	ASIA	MID EAST	AFRICA	MEDIT/S EUR	N EUROPE	EURASIA	ATLANTIC	ICELAND	ANTARCTICA	SPREADING	CONVERGENCE	SLIP RATE	PLATE MOTION	STRAIN	TILT/UPLIFT	EARTHQUAKE	CREEP	GEODETIC	GEOLOGIC	MAGNETIC	SEISMIC	PALEOMAGNETIC
1																														X			X										
2						X																										X										X	
3	X																															X						X					
4	X																																	X		X			X				
5	X																																	X		X			X				
6	X																																	X					X				

1	Geodetic Control and the 1927 Lompoc California Earthquake – J. C. Savage, W. H. Prescott, BSSA, 68, 1699-1703.
2	Induced Earthquakes in the Izu Peninsula by the Izu-Haintc-Oki Earthquake of 1974, Japan – K. Yamashina, Tectonophysics, 51, 139-154.

	SAN ANDREAS	CALIFORNIA	ALASKA	US	NORTH AMERICA	CARIBBEAN	COCOS	NAZCA	SOUTH AMERICA	PACIFIC	JAPAN/KURIL	PHILIPPINES	INDONESIA	SW PACIFIC	NEW ZEALAND	AUSTRALIA	USSR	CHINA	INDIA	INDIAN OCEAN	ASIA	MID EAST	AFRICA	MEDIT/S EUR	N EUROPE	EURASIA	ATLANTIC	ICELAND	ANTARCTICA			SPREADING	CONVERGENCE	SLIP RATE	PLATE MOTION	STRAIN	TILT/UPLIFT	EARTHQUAKE	CREEP			GEODETIC	GEOLOGIC	MAGNETIC	SEISMIC	PALEOMAGNETIC			
1	X	X																																			X				X							
2											X																									X	X	X				X							

1	Geodimeter Measurements of Strain During The Southern California Uplift – J. C. Savage, W. H. Prescott, JGR, 84, 171-177.
2	Anomalous Crustal Strain Prior to the 1923 Kanto, Japan, Earthquake as deduced from Analysis of Old Triangulation Data – S. Fujii, K. Nakane, Pageoph, 117, 1301-1315.

	SAN ANDREAS	CALIFORNIA	ALASKA	US	NORTH AMERICA	CARIBBEAN	COCOS	NAZCA	SOUTH AMERICA	PACIFIC	JAPAN/KURIL	PHILIPPINES	INDONESIA	SW PACIFIC	NEW ZEALAND	AUSTRALIA	USSR	CHINA	INDIA	INDIAN OCEAN	ASIA	MID EAST	AFRICA	MEDIT/S EUR	N EUROPE	EURASIA	ATLANTIC	ICELAND	ANTARCTICA			SPREADING	CONVERGENCE	SLIP RATE	PLATE MOTION	STRAIN	TILT/UPLIFT	EARTHQUAKE	CREEP			GEODETIC	GEOLOGIC	MAGNETIC	SEISMIC	PALEOMAGNETIC			
1	X																																		X						X							
2											X																								X		X				X							

JANUARY, 1979

1	Two Thousand Years of Geodetic and Geophysical Observations in the Phlegrean Fields Near Naples – M. Caputo, Geophys. J. R. Astr. Soc., 56, 319-328.
2	Quaternary Faulting Along the Caribbean-North American Plate Boundary in Central America – D. P. Schwartz, L. S. Cluff, T. W. Donnelly, Tectonophysics, 52, 431-445.
3	The Measurement of Fault Motion by Satellite Laser Ranging – D. E. Smith, R. Kolenkiewicz, P. J. Dunn, and M. H. Torrence, Tectonophysics, 52, 59-67.
4	Geodetic High-Pressure Measurements in Active Tectonic Areas, Example: The Rhinegraben – E. Groten, C. Gerstenecker, G. Hein, Tectonophysics, 52, 157-165.
5	Recent Vertical Movements and Their Determination in the Rheinish Massif – H. Malzer, Tectonophysics, 52, 167-176.
6	Vertical Crustal Movements in the Charleston, South Carolina-Savannah, Georgia Area – P. T. Lyttle, G. S. Gohn, B. B. Higgins, P. S. Wright, Tectonophysics, 52, 183-189.
7	Surface Deformation Over the Garm Geodynamic Polygon – A. K. Pevnev, N. N. Odinev, T. V. Guseva, Y. Davidenko, V. A. Belokopytov, Tectonophysics, 52, 203-209.
8	Recent Vertical Crustal Movements from Precise Leveling Surveys in the Blue Ridge and Piedmont Provinces, North Carolina and Georgia – G. P. Citron, L. D. Brown, Tectonophysics, 52, 223-238.
9	Analysis of Recent Crustal Movement in the Central and Northern Sierra Nevada, California Using Repeated Geodetic Leveling – D. O. West, J. N. Alt, Tectonophysics, 52, 239-248.
10	Horizontal Deformation of the Crust in Western Japan Revealed From First Order Triangulation Carried Out Three Times -- T. Harada, M. Shimura, Tectonophysics, 52, 469-478.

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1																								X												X	X					X	HISTORIC						
2					X	X																											X									X		X				
3	X	X																																X									X						
4																									X												X						X						
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6				X																																	X						X						
7																	X																				X						X						
8				X																																	X						X						
9		X																																			X						X						
10											X																										X		X				X						

11	A Comparison of Long-Baseline Strain Data and Fault Creep Records Obtained Near Hollister, California – L. E. Slater, R. O. Burford, Tectonophysics, 52, 481-496.
12	Mekometer Measurements in the Imperial Valley, California – R. G. Mason, J. L. Brander, M. G. Bill, Tectonophysics, 52, 447-450.
13	The Interpretation of Vertical Crust Movements in the Time-Space Domain – T. Kato, Tectonophysics, 52, 305-316.
14	Interim Report 1975-1976 of the Fennoscandian Subcommission of the Commission on Recent Crustal Movements – A. A. Nikonov, Tectonophysics, 52, 5-14.
15	Early 20th Century Uplift of the Northern Peninsular Ranges Province of Southern California – S. H. Wood, M. R. Elliott, Tectonophysics, 52, 249-265.
16	Recent Crustal Movements in the Sierra Nevada-Walker Lane Region of California-Nevada: Part I, Rate and Style of Deformation – D. B. Slemmons, D. Van Wormer, E. J. Bell, M. L. Silberman, Tectonophysics 52, 561-570.
17	Estimating the Seismicity from Geological Structure for Seismic Risk Studies – J. G. Anderson, BSSA, 69, 135-158.
18	Strain Measurements and Tectonics of New Zealand – R. I. Walcott, Tectonophysics, 52, 479.
19	Changes in Rate of Fault Creep – P. W. Harsh, Tectonophysics, 52, 519.
20	Initiation and Development of the Southern California Uplift along Its Northern Margin – R. S. Stein, W. Thatcher, R. O. Castle, Tectonophysics, 52, 301-302.

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12		X									X																						X		X						X							
13											X																									X					X							
14																	X								X													X				X							
15		X																																			X				X							
16		X		X																																	X				X	X						
17	X	X																																X															
18															X																						X					X							
19	X																																						X		X							
20	X																																				X	X					X					

21 Holocene Deformation and Crustal Movements in Some Type Areas of India – L. N. Kailasam, Tectonophysics, 52, 211-222.

22 Premonitory Crustal Deformations, Strains, and Seismotectonic Features (b-Values) Preceding Koyna Earthquakes – S. K. Guha, Tectonophysics, 52, 549-554.

23 Evidence for the Recurrence of Large-Magnitude Earthquakes Along the Makran Coast of Iran and Pakistan – W. D. Page, J. N. Alt, L. S. Cluff, G. Plafker, Tectonophysics, 52, 533-547.

24 Holocene Offset and Seismicity Along the Panamint Valley Fault Zone, Western Basin-and-Range Province, California – R. S. V. Smith, Tectonophysics, 52, 411-415.

25 New Results on the Properties of Recent Crustal Movements in the Bohemian Massif and Its Boundary with the West Carpathians – P. Vyskocil, Tectonophysics, 52, 193-201.

26 Quaternary Crustal Deformation Along a Major Branch of the San Andreas Fault in Central California – G. E. Weber, K. R. Lajoie, J. F. Wehmiller, Tectonophysics, 52, 378-379.

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28 Migration of Crustal Deformation – K. Kasahara, Tectonophysics, 52, 329-341.

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		SAN ANDREAS	CALIFORNIA	ALASKA	US	NORTH AMERICA	CARIBBEAN	COCOS	NAZCA	SOUTH AMERICA	PACIFIC	JAPAN/KURIL	PHILIPPINES	INDONESIA	SW PACIFIC	NEW ZEALAND	AUSTRALIA	USSR	CHINA	INDIA	INDIAN OCEAN	ASIA	MID EAST	AFRICA	MEDIT/S EUR	N EUROPE	EURASIA	ATLANTIC	ICELAND	ANTARCTICA			SPREADING	CONVERGENCE	SLIP RATE	PLATE MOTION	STRAIN	TILT/UPLIFT	EARTHQUAKE	CREEP			GEODETIC	GEOLOGIC	MAGNETIC	SEISMIC	PALEOMAGNETIC			
1	Neogene Relative Motion Between the Pacific Plate, the Mantle, and the Earth's Spin Axis – S. R. Hammond, D. Epp, F. Thayer, Nature, 278, 309-312.										X																								X								X							

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1	Systematic Inversion of Geodetic Data in Central California – W. Thatcher, JGR, 84, 2283-2295.
2	Horizontal Crustal Deformation from Historic Geodetic Measurements in Southern California – W. Thatcher, JGR, 84, 2351-2370.
3	Paleomagnetism of the Mo[illegible] Rock-Islay Hill Complex as Evidence for Crustal Block Rotations in Central Coastal California – M. R. Greenhaus, A. Cox, JGR, 84, 2393-2400.
4	Shear,Heating of the Olympos (Greece) Thrust and the Deformation Properties of Carbonates at Geological Strain Rates – C. M. Barton, P. C. England, GSA, 90, 483-492.

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1	X																															X					X		X				
2	X																																	X				X					
3		X																												BLOCK ROTATION												X
4																								X										X					X				

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1	Strain Accumulation from 1964 to 1977 Near the Epicentral Zone of the 1976-1977 Earthquake Swarm Southeast of Palmdale California – M. Lisowski, J. C. Savage, BSSA, 69, 751-756.
2	Geodetic Evidence for Aseismic Subduction of the Juan de Fuca Plate – M. Ando, E. I. Balazs, JGR, 84, 3023-3028.
3	Rifting of the Plate Boundary in North Iceland 1975-1978 – A. Bjornsson, G. Johnsen, S. Sigurdsson, G. Thorbergsson, E. Tryggvason, JGR, 84, 3029-3038.
4	Deformation Across the Salton Trough, California 1973-1977 – J. C. Savage, W. H. Prescott, JGR, 84, 3069-3079.
5	Late Pleistocene and Holocene Faulting in Lake Valencia Basin, North-Central Venezuela – C. Schubert, M. Laredo, Geology, 7, 289-292.

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1	X																																		X													
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SAN ANDREAS	CALIFORNIA	ALASKA	US	NORTH AMERICA	CARIBBEAN	COCOS	NAZCA	SOUTH AMERICA	PACIFIC	JAPAN/KURIL	PHILIPPINES	INDONESIA	SW PACIFIC	NEW ZEALAND	AUSTRALIA	USSR	CHINA	INDIA	INDIAN OCEAN	ASIA	MID EAST	AFRICA	MEDIT/S EUR	N EUROPE	EURASIA	ATLANTIC	ICELAND	ANTARCTICA			SPREADING	CONVERGENCE	SLIP RATE	PLATE MOTION	STRAIN	TILT/UPLIFT	EARTHQUAKE	CREEP			GEODETIC	GEOLOGIC	MAGNETIC	SEISMIC	PALEOMAGNETIC			

PALEOMAGNET-C
MSE-SM-C
MAGNET-C
GEOLOG-C
GEODET-C
CREEP
EARTHQUAKE
T-JT/JEJ-FT
STRA-N
PLATE MOT-ON
SJ-P RATE
CONVERGENCE
SPREAD-NG
ANTARCT-CA
-CEJAND
EATJANT-C
N EURASS-A
N EUROPE
AMED-T/S EUR
AFR-CA
M-D EAST
AS-A
-ND-AN OCEAN
-ND-A
UCH-NA
USSR
AUSTRAJ-A
NEW ZEAJAND
SW PAC-F-C
-NDONES-A
PH-J-PP-NES
JAPAN/KJR-J
PAC-F-C
SOUTH AMER-CA
NAZCA
COCOS
CAR-BBEAN
NORTH AMER-CA
US
AJASKA
CAJ-FORN-A
SAN ANDREAS

AUGUST, 1979

1	Strain Accumulation Rates in the Western United States Between 1970 and 1978 – W. H. Prescott, J. C. Savage, W. T. Kinoshita, JGR, 84, 5423-5435.
2	Pre-Tertiary Velocities of the Continents: A Lower Bound from Paleomagnetic Data – R. G. Gordon, M. O. McWilliam, A. Cox, JGR, 84, 5480-5486.
3	The Nootka Fault Zone – A New Plate Boundary off Western Canada – R. D. Hyndman, R. P. Riddihough, R. Herzer, Geophys. J. R. Astr. Soc., 58, 667-683.
4	A Model for the Earthquake Cycle in Underthrust Zones – W. Thatcher, J. B. Rundle, JGR, 84, 5540-5556.

	SAN ANDREAS	CALIFORNIA	ALASKA	US	NORTH AMERICA	CARIBBEAN	COCOS	NAZCA	SOUTH AMERICA	PACIFIC	JAPAN/KURIL	PHILIPPINES	INDONESIA	SW PACIFIC	NEW ZEALAND	AUSTRALIA	USSR	CHINA	INDIA	INDIAN OCEAN	ASIA	MID EAST	AFRICA	MEDIT/S EUR	N EUROPE	EURASIA	ATLANTIC	ICELAND	ANTARCTICA			SPREADING	CONVERGENCE	SLIP RATE	PLATE MOTION	STRAIN	TILT/UPLIFT	EARTHQUAKE	CREEP			GEODETIC	GEOLOGIC	MAGNETIC	SEISMIC	PALEOMAGNETIC			
1	X	X		X																															X						X								
2					X																					X								X												X				
3					X					X																							X											X						
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1	The Mesozoic South Atlantic Ocean and Evolution of Its Continental Margin – P. D. Rabinowitz, J. Labrecque, JGR, 84, 5973-6002.
2	Geodetic Leveling and the Sea Level Slope Along the California Coast – E. I. Balazar, B. C. Douglas, JGR, 6195-6206.
3	The History of Ridge-Crest Offset at the Falkland-Agulhas Fracture Zone from a Small-Circle Geophysical Profile – P. F. Barker, Geophys., J. R. Astr. Soc., 59, 131-145.
4	Regional Deformation of the Sierra Nevada, California On Conjugate Microfault Sets – J. P. Lockwood, J. G. Moore, JGR, 84, 6041-6049.

	SAN ANDREAS	CALIFORNIA	ALASKA	US	NORTH AMERICA	CARIBBEAN	COCOS	NAZCA	SOUTH AMERICA	PACIFIC	JAPAN/KURIL	PHILIPPINES	INDONESIA	SW PACIFIC	NEW ZEALAND	AUSTRALIA	USSR	CHINA	INDIA	INDIAN OCEAN	ASIA	MID EAST	AFRICA	MEDIT/S EUR	N EUROPE	EURASIA	ATLANTIC	ICELAND	ANTARCTICA		SPREADING	CONVERGENCE	SLIP RATE	PLATE MOTION	STRAIN	TILT/UPLIFT	EARTHQUAKE	CREEP			GEODETIC	GEOLOGIC	MAGNITIC	SEISMIC	PALEOMAGNETIC			
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1	Relative Plate Motions and the Formation of Marginal Basins – D. M. Jurdy, JGR, 84, 6796-6802. (see comment and reply, February, 1981)
2	The Hellenic Arc and Trench System: A Key to the Neotectonic Evolution of the Eastern Mediterranean Area – X. LePichon, J. Angelier, Tectonophysics, 60, 1-42.
3	Implications of Very Long Baseline Interferometry Measurements on North American Intra-Plate Crustal Deformation – R. J. Allenby, Tectonophysics, 60, T27-T35.

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2																								X									X								X	
3				X																										INTRAPLATE DEFORMATION								X				

NOVEMBER, 1979

1	Geodetic Tilt Measurements Along the San Andreas Fault in Central California – J. C. Savage, W. H. Prescott, J. F. Chamberlain, M. Lisowski, C. E. Mortensen, BSSA, 69, 1965-1981.
2	Geodolite Measurements of Deformation Near Hollister, California 1971-1978 – J. C. Savage, W. H. Prescott, M. Lisowski, N. King, JGR, 84, 7599-7615.
3	Plateau Uplift in Peninsular India – L. N. Kailasam, Tectonophysics, 61, 243-269.
4	Crustal Movements in the Tohoku District, Japan, During the Period 1900-1975, and Their Tectonic Implications – T. Kato, Tectonophysics, 60, 141-167.
5	Late Cenozoic Uplift of the Southwestern Colorado Plateau and Adjacent Lower Colorado River Region – I. Lucchitta, Tectonophysics, 61, 63-95.
6	Recent Crustal Uplift in Yellowstone National Park – J. R. Pelton, R. B. Smith, Science, 206, 1179-1182.
7	Age of Shield-Building Volcanism of Kauai and Linear Migration of Volcanism in the Hawaiian Island Chain – I. McDougall, Earth Planet. Sci. Let., 46, 31-42.

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1	Paleomagnetic Poles and Polarity Zonation from the Middle Proterozoic Belt Supergroup, Montana and Idaho – D. P. Elston, S. L. Bressler, JGR, 85, 339-355.
2	Tectonic Tilt Rates Derived from Lake-Level Measurements, Salton Sea, California – M. E. Wilson, S. H. Wood, Science, 207, 183-186.
3	Seismic Slip on the Philippine Fault and Its Tectonic Implications – H. K. Acharya, Geology, 8, 40-42.

	SAN ANDREAS	CALIFORNIA	ALASKA	US	NORTH AMERICA	CARIBBEAN	COCOS	NAZCA	SOUTH AMERICA	PACIFIC	JAPAN/KURIL	PHILIPPINES	INDONESIA	SW PACIFIC	NEW ZEALAND	AUSTRALIA	USSR	CHINA	INDIA	INDIAN OCEAN	ASIA	MID EAST	AFRICA	MEDIT/S EUR	N EUROPE	EURASIA	ATLANTIC	ICELAND	ANTARCTICA			SPREADING	CONVERGENCE	SLIP RATE	PLATE MOTION	STRAIN	TILT/UPLIFT	EARTHQUAKE	CREEP			GEODETIC	GEOLOGIC	MAGNETIC	SEISMIC	PALEOMAGNETIC			
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1	Tectonic Significance of the Young Mineral Dates and the Rates of Cooling and Uplift in the Himalaya – P. K. Mehta, Tectonophysics, 62, 205-217.
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1	Leveling Circuits and Crustal Movements – S. C. Chi, R. E. Reilinger, L. D. Brown, J. E. Oliver, JGR, 85, 1469-1474.
2	Linear Volcanic Chains - Recording Plate Motions? – I. McDougall, R. A. Duncan, Tectonophysics, 63, 275-295.
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1	Observations of the Coyote Lake, California Earthquake Sequence of August 6, 1979 – R. A. Vhilammer, BSSA, 70. 559-570.
2	Local Magnetic Field Measurements and Fault Creep Observations on the San Andreas Fault – M. J. S. Johnston, B. E. Smith, R. O. Burford, Tectonophysics, 64, 47-57.

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APRIL, 1980

1	Structure, Tectonics, and Stress Field Of the Coso Range, Inyo County, California – G. Roguemore, JGR, 85, 2434-2440.
2	Variations in Oceanic Upper Crustal Structure in a Small Area of the North-Eastern Atlantic – R. S. White, D. H. Matthews, Geophys. J. R. Astr. Soc., 61, 401-435.

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1	Geodetically Derived Strain At Shelter Cover, California – R. A. Snay, M. W. Cline, BSSA, 70, 893-901.	X																																		X					X							

1	Propagating Rifts on Mid Ocean Ridges – R. Hey, F. K. Duennebier, W. J. Morgan, JGR, 85, 3647-3658.
2	Earthquake Prediction: Criterion for a Tilt Anomaly – C. P. Buckley, C. W. Kohlenberger, JGR, 85, 3857-3866.
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1	Deformation in Owens Valley, California – J. C. Savage, M. Lisowski, BSSA, 70, 1225-1232.
2	Slip On the San Andreas Fault in Central California from Alinement Array Surveys – R. O. Burford, P. W. Harsh, BSSA, 70, 1233-1261.
3	Franciscan Complex Limestone Deposited at 17° South Paleolatitude – W. Alvarez, D. V. Kent, I. P. Silva, R. A. Schweickert, R. L. Larson, GSA, Part I, 91, 485-494.
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1	The Indian Ocean Triple Junction – C. R. Tapscott, P. Patriat, R. L. Fisher, J. G. Sclater, H. Hoskins, B. Parsons, JGR, 85, 4723-4739.
2	Twentieth-Century Crustal Deformation in the Garlock Fault - Slate Range Area, Southeastern California – G. I. Smith, J. P. Church, GSA, Part I, 91, 524-537.
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SEPTEMBER, 1980

1	Recurrence of Moderate to Large Magnitude Earthquakes Produced by Surface Faulting on the Wasatch Fault Zone, Utah – F. H. Swan III, D. P. Schwartz, L. S. Cluff, BSSA, 70, 1431-1462.
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4	Coseismic and Quaternary Vertical Tectonic Movements, Santo and Malekula Islands, New Hebrides Island Arc – F. W. Taylor, B. L. Isacks, C. Jouannic, A. L. Bloom, J. Dubois, JGR, 85, 5367-5381 (see correction July, 1981).
5	Paleomagnetic Data and Pelagic Sediment Facics and the Motion of the Pacific Plate Relative to the Spin Axis Since the Late Cretaceous – G. Suarez, P. Molnar, JGR, 85, 5257-5280.
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1	Lithospheric Loading by the 1896 Riku-u Earthquake, Northern Japan: Implications for Plate Flexure and Asthenospheric Rheology – W. Thatcher, T. Matsuda, T. Kato, J. B. Rundle, JGR, 85, 6429-6435.
2	State of Stress in the Conterminous United States – M. L. Zoback, M. Zoback, JGR, 85, 6113-6156.
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NOVEMBER, 1980

1	Geodetic Measurement of Horizontal Deformation Across the Rio Grande Rift Near Socorro, New Mexico – J. C. Savage, M. Lisowski, W. H. Prescott, A. R. Sanford, JGR, 85, 7215-7220.
2	Tectonic Model and Seismic Potential of the Eastern Gulf of Alaska and the Yukataga Seismic Gap – O. J. Perez, K. H. Jacob, JGR, 85, 7132-7150.
3	Short-term Tilt Anomalies Preceeding Local Earthquakes Near San Jose, California – C. E. Mortensen, E. Y. Iwatsubo, BSSA, 70, 2221-2228.
4	Recent Tectonic Movements of the Costa Rican Pacific Coast – R. Fisher, Tectonophysics, 70, T25-T33.
5	Paleo-uplift and Cooling Rates from Various Orogenic Belts of India as Revealed by Radiometric Ages – K. K. Sharma, K. D. Bal, R. Parshad, N. Lal, K. K. Nagpaul, Tectonophysics, 70, 135-158.

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DECEMBER, 1980

1	History of Uplift of the Crystalline Basement of Sinai and Its Relation to Opening of the Red Sea as Revealed by Fission Track Dating of Apatites – B. P. Kohn, M. Eyal, Earth Planet. Sci. Let., 52, 129-141.
2	Strain on the San Andreas Fault Near Palmdale, California: Rapid, Aseismic Change – J. C. Savage, W. H. Prescott, M. Lisowski, N. E. King, Science, 211, 56-58.
3	Geometry and Rate of Extension Across the Pajarito Fault Zone, Española Basin, Rio Grande Rift, Northern New Mexico – M. P. Golombek, Geology, 9, 21-24.
4	Some Results Concerning Crustal Movements in Finland – A. Kiviniemi, Tectonophysics, 71, 65-71.
5	On the Compilation of the Map of Contemporary Vertical Crustal Movements in Canada – P. Vanicek, D. Nagy, Tectonophysics, 71, 75-86.
6	Episodic Block Motion and Convergence Along the Calaveras Fault in Central California – L. E. Slater, Tectonophysics, 71, 87-94.
7	Contemporary Doming of the Adirondack Mountains: Further Evidence from Releveling – Y. W. Isachsen, Tectonophysics, 71, 95-96.
8	Recent Vertical Crustal Movements of the Carpatho-Balkan Region – I. Jov, E. Csati, P. Jovanovic, M. Popescu, V. I. Somov, H. Thurm, J. Thury, I. N. Totomanov, J. Vanko, J. Wyrgykowski, Tectonophysics, 71, 41-52.
9	Recent Crustal Movements in Switzerland and Their Geophysical Interpretation – E. Gubler, H. G. Kahle, E. Klingelé, S. Mueller, R. Oliver, Tectonophysics, 71, 125-152.
10	The Gulf of Aden: Structure and Evolution of a Young Ocean Basin and Continental Margin – J. R. Cochran, JGR, 86, 263-287.

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11 Volcanism and Aseismic Slip in Subduction Zones – H. Acharya, JGR, 86, 335-344.

12 Height Changes and Recent Vertical Crustal Movements in Western German Areas – Instrumental Improvements – H. Malzer, Tectonophysics, 71, 53-63.

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1	Miocene Sp eading Center South of Isla Guadalupe – R. Batiza, C. G. Chase, Nature, 289, 787-789.
2	Preseismic and Coseismic Deformation Associated with the Coyote Lake, California, Earthquake – N. E. King, J. C. Savage, M. Lisowski, W. H. Prescott, JGR, 86, 892-898.
3	Strain Accumu'ation Across the Denali Fault in the Delta River Canyon, Alaska – J. C. Savage, M. Lisowski, W. H. Prescott, JGR, 86, 1005-1014.
4	Comment on "Relative Plate Motions and the Formation of Marginal Basins" by Donna M. Jurdy – W. D. MacDonald, JGR, 86, 1097-1098 (see November, 1979 and below).
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1	Eocene to Recent Development of the Southwest Indian Ridge, a Consequence of the Evolution of the Indian Ocean Triple Junction – J. C. Slater, R. L. Fisher, P. Patriat, C. Tapscott, Geophys. J. R. Astr. Soc., 64, 587-604.
2	Recent Height Changes in the Central Segment of the Rhinegraben and Its Adjacent Shoulders – K. Zippelt and H. Malzer, Tectonophysics, 73, 119-123.
3	Variable Rates of Late Quaternary Strike Slip on the San Jacinto Fault Zone, Southern California – R. V. Sharp, JGR, 86, 1754-1762.

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1	Seismicity of the Iranian Plateau and Bordering Regions – J. Shoja-Taheri, M. Niazi, BSSA, 71, 477-489.
2	Strain Accumulation Near the Epicenters of the 1978 Bishop and 1980 Mammouth Lakes, California Earthquakes – J. C. Savage, M. Lisowski, W. H. Prescott, N. E. King, BSSA 71, 465-476.
3	Paleomagnetism of Northern Cocos Seamounts: Constraints on Absolute Plate Motion – M. McNutt, R. Batiza, Geology, 9, 148-154.
4	Movement of Lithospheric Plates Relative to Subduction Zones: Formation of Marginal Seas and Active Continental Margins – L. P. Zonenshain, L. A. Savostin, Tectonophysics, 74, 57-87.
5	Recent Plate Tectonics of the Arctic Basin and of Northeastern Asia – L. A. Savostin, A. M. Karasik, Tectonophysics, 74, 111-145.
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2		X																											
3							X																						
4				PLATE MOTION MODEL																									
5					X				ARCTIC																	X			
6	X																												
7	X																												

	SPREADING	CONVERGENCE	SLIP RATE	PLATE MOTION	STRAIN	TILT/UPLIFT	EARTHQUAKE	CREEP	GEODETIC	GEOLOGIC	MAGNETIC	SEISMIC	PALEOMAGNETIC
1			X									X	
2					X				X				
3				X									X
4				X								X	
5				X						X		X	
6						X			X				
7						X			X				

		SAN ANDREAS	CALIFORNIA	ALASKA	U	NORTH AMERICA	CARIBBEAN	COCOS	NAZCA	SOUTH AMERICA	PACIFIC	JAPAN/KURIL	PHILIPPINES	INDONESIA	SW PACIFIC	NEW ZEALAND	AUSTRALIA	USSR	CHINA	INDIA	INDIAN OCEAN	ASIA	MID EAST	AFRICA	MEDIT/S EUR	N EUROPE	EURASIA	ATLANTIC	ICELAND	ANTARCTICA			SPREADING	CONVERGENCE	SLIP RATE	PLATE MOTION	STRAIN	TILT/UPLIFT	EARTHQUAKE	CREEP		GEODETIC	GEOLOGIC	MAGNETIC	SEISMIC	PALEOMAGNETIC			
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1																	X				X										X			X								X							
2	X	X																																	X	X	X				X						
3				X																															X						X						
4					X	X	X																											X									X				
5																												X																				

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1				X																														STRESS														
2	X																																		X						X							
3	X																																		X						X							
4				X																																					X							
5	X																																			X													
6			X							ARCTIC																					X												X						
7														X																								X	X				X						

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1																								X												X		X				X							
2											X																										X						X						
3	X																																			X						X						

1	Leveling Arrays as Multicomponent Tiltmeters: Slow Deformation in the New Hebrides Island Arc – M. Bevis, B. L. Isacks, JGR, 86, 7808-7824.
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1														X																							X					X							
2										X				X					X																X						X							

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1											X																		
2	X																												
3																					X	X							

			SPREADING	CONVERGENCE	SLIP RATE	PLATE MOTION	STRAIN	TILT/UPLIFT	EARTHQUAKE	CREEP			GEODETIC	GEOLOGIC	MAGNETIC	SEISMIC	PALEOMAGNETIC			
1							X	X	X				X	X						
2					X					X			X							
3						X								X						

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1				X												X																				X						X							
2	X	X																															X		X			X			X							
3						X																											X															

NOVEMBER, 1981

		SAN ANDREAS	CALIFORNIA	ALASKA	US	NORTH AMERICA	CARIBBEAN	COCOS	NAZCA	SOUTH AMERICA	PACIFIC	JAPAN/KURIL	PHILIPPINES	INDONESIA	SW PACIFIC	NEW ZEALAND	AUSTRALIA	USSR	CHINA	INDIA	INDIAN OCEAN	ASIA	MID EAST	AFRICA	MEDIT/S EUR	N EUROPE	EURASIA	ATLANTIC	ICELAND	ANTARCTICA			SPREADING	CONVERGENCE	SLIP RATE	PLATE MOTION	STRAIN	TILT/UPLIFT	EARTHQUAKE	CREEP			GEODETIC	GEOLOGIC	MAGNETIC	SEISMIC	PALEOMAGNETIC				
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